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P. De Benedictis

1965-1966

Alaska

Species Accounts - Part 2

Birds: Laridae - Fringillidae
Mammals

P. De Benedictis
1965 - 1966

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Species Accounts – Part 2

Birds: Laridae – Fringillidae
Mammals

P. De Benedictis
1965

Stercorarius pomarinus

June 9

AFB =
VO TH

Barrow, Alaska - almost all the birds seen today were well over in the area by the old AFB radar installation remains. Most of the rest of the area is snow covered and scattered jaegers were seen sitting in the snow or behind the few tufts of soil present; a few flying low over the tundra, not more than 10 birds away from the AFB area. In the AFB area counted 23 birds in sight at once but I believe at least 10-15 more were present as there were at least 6 and probably 8 pairs of territorial birds in the area. Aerial fights were not common but were seen regularly, and the wing up display was given by many birds on the ground as others flew over. Saw very little V-flying. Only one food chase and ~~several~~ ^{most of} the birds were sitting on the ground. As we approached one Snow Owl nest, the ♀ flushed at about 30 feet distance. Immediately 3-5 jaegers descended on the nest and began to peck at the eggs, obviously eating the egg contents. At one time there were 3 jaegers at the nest, a 4th hovering over and a Glaucous gull (which never got anything) nearby and at least 7 or 9 birds eventually got some egg material. ~~2~~ ² whole eggs were carried off (after they had been broken) and an additional large piece of shell was carried out of the nest, leaving two eggs behind. Dr. Pitelka and I stood 12-15 feet from the nest at one time and 3 jaegers landed nervously & repeatedly by the nest but would not get into it. After we left they returned only slowly to the nest area and did not appear to get any additional eggs;

1965

Stercorarius pomarinus

8 June Barrow, Alaska, cont.

a jaeger was struck by the ♂ Owl, although earlier they had not been together. The jaegers here are much whiter below and have less ~~black~~ on the wings than do most of the birds I have previously seen in Montney Bay; Only saw 4 Black-phase birds and no "2nd year" plumage. Saw 2 jaegers eating ice and see Snowy owl for additional account of humming feeding.

10 June. none about AKL area; all birds seen today were south & east of the Beach ridge. The 1st large concentration seen was 18 sitting on the snow in the SE part of the central marsh in a large area; about 10 territorial birds could be seen in the same area to the SW; there were scattered birds along the Beach Ridge and elsewhere in the Central Marsh and towards Elson lagoon from this area, again mostly apparently territorial birds. There was a group of about 12-17 birds on the N point to Wohlsehlag Slough and a slightly smaller group (8-12) near Grant Point; about 8 additional birds were feeding or flight-displaying over Wohlsehlag Slough. Saw only 1 or 2 noddie birds and very few (2 or 3) aerial combats.

11 June Saw much territorial flight but no concentrations although 6-8 birds could be seen at one time; the birds are rather evenly spread out in the area south of the beach ridge.

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Stercorarius pomarinus

12 June

Barrow, Alaska - birds were scattered and in territorial flight over much of the tundra today. In the A.M. when chasing hummings I grabbed one which Mallen didn't want and threw it out on the ice. It appeared to be skinned & eventually a jaeger came along, grabbed it and shook it well before eating the breast. In the afternoon no concentrations were seen except in the Voth area, where a group of 12 and another of 18 were seen resting on exposed grassy tundra; there were about 2x the standard # of jaegers flying around although many appear to be territorial. Saw 2 humming fights, one involving two birds, only one of which got the humming; the victor flew into the air and gulped the humming in flight. Only saw 2 or 3 Black phoe birds today. The concentrations today clearly correspond to the amount of exposed tundra.

13 June

There were a little more conspicuous around the Barrell Area this morning and one black ^{phoe} ~~bird~~ was present. Along the W side Fanny Lagoon no concentrations noted but the #s of birds flying about was higher than elsewhere. Saw several hummings in the area and at least 3 humming kills; one was followed by a fight and all the jaegers swallowed the humming in the air. Saw a pair sit in an open area repeatedly attack a Snowy owl, fly down at her, ~~always~~ ^{always} face on and were fairly

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Stercorarius pomarinus

13 June

Barrow, Alaska

noisy during the periods. The ♀ owl appeared to be snapping at raising a claw to the jaeger; finally the conflict was ended when the jaeger quit.

14 June.

Numbers of jaegers flying over the Central Marsh & Beach ridge areas seem little changed from yesterday; we worked along the shore of Elson Lagoon where the density of birds flying ^{about} ~~was~~ about $1\frac{1}{2}$ times that elsewhere. Much territorial flight seen and ~~long~~ ^{long} ups given by birds on the ground; saw 2 or 3 lemmings killed and some aerial gulping; no other display behavior. Saw a jaeger continuously dive at a ♂ Snowy Owl, which twice to claw the jaeger as the latter made its passes. Three large groups of jaegers on the ground were seen, the birds sitting very low in the snow, and in ~~all~~ ^{all} cases consisting of two groups, with scattered individuals around. In the SE part of Central Marsh there were 56^+ jaegers, in Wohlshaly Slough 41^+ jaegers, and in Okpik Slough 70^+ jaegers. as usual there were only a few dark phase birds, not more than 6 or 8 seen during the day. Saw one that I would call an "intermediate" phase today for the 1st time.

15 June

In the morning went out to Elson Lagoon with D. Mullen, saw relatively few Jaegers. There was a group of about 15 on the flats at the Neut Houses' Morass and a few courting along the shore of Elson

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Stenocranius pomarinus

15 June

Barrow, Alaska

Lagoon. Saw no kills but one bird in a posture that looked like a gull regurgitation posture. Only about 6-8 near the Baruel area but 2 black birds.

16 June

Only 2 birds seen between AKL and the Beach ridge; At least 80 birds out on Central Marsh but the birds almost all on the snow and only 10-12 birds flying about in the morning. In the afternoon there was a group of ^{33 (2 flocks 134, 14)} in the SE part Central Marsh, a group of 44 in the SW side, and about 15 on Wohlshchik Slough. There was more jaeger activity along Elson Lagoon than elsewhere in the area, and Central Marsh and the area W of the Beach Ridge was quiet. No change in display from yesterday; ~~one~~ ^{one} humming flights, the birds not eating the beest, none.

17 June

The largest group seen was 7 near the W side Family Lagoon on a patch of ~~cleared~~ ^{cleared} tundra. There were a few scattered pairs flying about but numbers were ~~low~~ ^{low} what ~~are~~ ^{are} usually seen in the area between Family & S. Salt Lagoons. In the afternoon Hamilton walked up to a pair which protested his presence by circling and screaming at him; but no attacking. We eventually found one egg in a depression (indented) in rolling tundra about 14 feet from a trough and on frozen soil. We were able to turn the nest with a yellow road

1965

Stereovarius pomarinus

17 June

17 June Barrow, Alaska - marked and the ~~at~~ ^{most} ~~near~~ pole of the areal complex in Barrow Village. The 2 settled on the nest soon after we left, both otherwise stayed away from us. No special display seen otherwise.

18 June

18 June Saw one copulation and ^{the end} part of ~~the~~ another. In the
1st the male remained mounted for 1-2 minutes
but the pair seemed uncommitted & the vents
made contact only twice. Each time the male
placed both wing tips on the ground, and after
the 2nd time they separated. There were two
groups, about 20 + 30, on the S part of
Central Marsh and a group of 15 on
Fresh Lake today, and somewhat more
territorial birds than ^{yesterday} ~~usual~~ though still below
what was ~~found~~ before the last stormy period.

19 June

19 June No concentration noted today. The nest from June 17 still contains 1 egg according to Hamilton and a second probable sitting ♀ was seen. Watched the ♂ of the 17 June nest fly in territorial boundary with a 2nd ♀ the two going back and forth over a 100 foot area, turning in remarkable synchrony and on two occasions appearing to make a brief contact in the air. One bird out in a puddle was playing with what appeared to be an old shirt, picking it up and dropping it in to the water with its beak in quack-like fashion.

P.D. Benedict
1965

Stercorarius pomarinus
~~Stercorarius~~

20 June Barrow, Alaska - saw one sham copulation.
There were groups of 12-15 on S (one group)
and M (2 groups) Salt lagoons in addition to
territorial birds, and the nest found June 17
now contains 2 eggs.

21 June Nothing on ^{middle} S. Salt lagoon except about 16
near the opening in the ice at about 35-40
on ~~middle~~ ^{South} Salt lagoon, all just sitting. No special
behavior was seen other than territorial flights and
the nest was not checked.

22 June. Only a group of about 15 on S. Salt lagoon in
the same area in addition to territorial birds;
only sign of a nest is the 2 egg one above. In the
evening went towards Elson lagoon: a group of ~40
out on Central Marsh and ~10-15 on Wohlsehlag
+ territorial birds. Found 4 nests. 3 in 1 egg, 1 with
2 + Steve had found 2 1 egg and 1 2 egg nest in
the same area. Saw one copulation.

23 June A group of about 40 birds on the S part of
Family lagoon near an opening in the ice.

24 June No change in above area. See Par. Jaeger.

In the afternoon spotted a large group on Central
marsh and counted 69 on the ground and at least
10 overhead. There were about 15 on the mouth
of Wohlsehlag slough. Found 5+ nests today, 3 already
marked and 2 not checked.

1 on about 100 yards WSW of the well tower at Beart
Point now contains 2 eggs (one on the 22nd) and the

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Stercorarius pomarinus

- 24 June Barrow, Alaska - Two seen earlier (both with 2 eggs) each had the same, while the new nests were both 1 egg nests. Saw no copulations and no fight, but much aerial display. Glaucous gulls successfully robbed jaegers of swimming on two occasions. None of the birds seen bombed me. One of the pairs has a black ♂, the rest of the 5 pairs are all light birds.
- 25 June Still good numbers in Central Marsh, and widely distributed but not very active elsewhere. Not many on Family lagoon. Found a pair passing over a scrape 6 feet west of a pole left over from last year.
- 26 June Saw birds in "regurgitation" posture on 2 occasions and believe they are eating pellets but couldn't verify this. Most nests now seem to contain 2 eggs. See Snowy Owl. Only about 12 or many on Central Marsh now, due to the flooding there.
- 27 June Found 2 nests and saw 2 other s. thing I's which we didn't check. The nest near Voth Slough had a black ♂. and the nest in the VOTH area was defended by a ♀ which repeatedly dove at me the feet dangling and yelling loudly. There are about 20 or so out in Fresh Lake and in S. Salt lagoon but do not seem to be the territorial birds that were present earlier. Found 2 sets of Pon. jaeger wings dissociated from bodies.
- 28 June A nest with 2 eggs near a pool in Micomet Marsh. Some pairs don't seem to be settled yet. (see journal for today).

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Stercorarius pomarinus

June 29

Barrow, Alaska - found a nest with 1 egg in Britton's area which I saw June 27 and found a shell that had been pecked open about 35 feet from this nest. There are at least 2 pairs near there but the adults are very wary, settling on "dummy nests" and not being willing to play hot and cold with us when we approach the nest areas. - perhaps they have not started. They are quite scarce around the lagoons by the lab and there do not seem to be as many pairs even in the UOTH area as I had expected would settle out; there are none in the areas where the non-reeding owls hang out but these areas are surrounded by pairs. Saw them harassing long-tails on no occasion.

June 30

Someone has really been potting these birds in Central Marsh as 6-7 dead birds were seen. There are still 2-3 small groups out on the marsh as well as a few pairs; elsewhere the area is occupied by pairs which do not now appear to be filling the entire area occupied by breeding birds. Densities, as yesterday, do not appear to be as high as they appeared at first they might become.

July 2

Still small groups of birds out in Central Marsh sitting along the edge of "pools". They are very inactive. Most of the birds that were hanging out around the lab are gone and one of the birds still present was giving the stiff-winged territorial flight. Still no sitting bird in the Miconet area.

P. DeBenedictis
1965

Stercorarius pomarinus

4 July

Barrow, Alaska - found two new nests, both with eggs, near VOTH slough. The pair at the 1st nest attacked me viciously but the 2nd pair just flew and left me alone. On 3 different occasions a ♂ Pomarine whinnow was flying by all of a sudden made a pass at my head, silently and usually from behind. When I am being bombed the jaegers always will stop to chase off an intruding bird. Density is very low. Found an egg shell, too broken to see the contents, in the VOTH area and another near the Gasline Bridge; I suspect they are bird eaten. Saw no groups of Pomarine anywhere.

5 July

A group of gulls which perched near lines III was flying towards a jaeger territory - a small group of gulls wandered off and one of these was attacked by the jaeger + quickly gave way; the main flock at the same time turned back.

6 July

Checked 4 nests along Elson lagoon and found 2 eggs in all; at two I was attacked + at 2 was left alone. I was attacked by lone birds on 4 diff. occasions. Saw Poms. attacking Snowy Owl and L-Tail Jaeger today.

7 July

Found a nest that McClean had marked previous by the AAC5 shack. It contained 1 egg. The parents followed me around and when I checked a semipal. nest the ♂ swooped down at the ♀ ^{puffin} ~~which~~ which was giving a distraction display, and tried to catch it. I was no far from a Pectoral nest + ♀ Pectoral came up,

P. DeBenedictis
1965

Stercorarius pomarinus

7 July Barrow, Alaska - went into a distraction display and was attacked by this same jaeger, again unsuccessfully. There were about 12 birds (1 group 8) at the N end of Fresh Lake but no many other non-territorial birds in the area from the hub to Lines IX+X. A nest with a very dark and a very light egg was found near Calidris pusillus Nest 18; the parents were only moderately vicious, and the 1 egg nest found June 29 still has 1 egg. The pair that was opposite (cast off) the FAA tower seems to have disappeared, ~~fisher~~ moved across the road to the nest found by Hamilton. No groups of jaegers seen in the afternoon.

9 July There is a group of about 6 in Footprint Lake. The pair, although widely spaced are somewhat denser than I had suspected, about 17 pair/mi² in the area from VOTH Creek to the gas line. We found ~~3~~ 5 2 egg nests today and saw 3 sitting birds which we were unable to check. One pair located earlier in the year seems to have disappeared and the nest couldn't be located. Two pairs I suspect are replacements for birds shot earlier in the year, as they did not seem to have a nest. (I have been wrong on this before). The reaction of the birds to approach was variable, about 1/2 the pairs ~~leaving~~ leaving us alone and the other fighting furiously. Should check for black birds soon. All feeding seen today clearly involved buntings and the jaegers did not seem to be having any trouble finding prey.

P. DeBenedictis
1965

Steccorarius pomarinus

July 10

Barrow, Alaska - the birds on the Beach ridge and the area to the N and in Central Marsh appear to be occupying territories ~ $\frac{2}{3} \times$ those of birds elsewhere - or there are large unoccupied areas. They are comparatively scarce in the ~~marsh~~ ^{meadow} lakes area although considering ~~large~~ ^{large} area they might be comparatively sized territories there as well. Holme's Morass proper has a low population but the larger area along Wabbling Slough + Elson Lagoon is as densely occupied as any place else. One nest found had only one egg, and 2 light-dark egg nests were seen. Still a considerable variation in their reaction to intrusion. About 3-5 black birds in this area.

11 July

Birds in the region south of Footprint Lake were obviously nesting and were seen in densities quite comparable to the area just N of Footprint. They were fairly quiet and were frequently seen in aerial chases. No nests were found but many sitting ~~birds~~ ^{birds} were seen. A two egg nest seen in ^{Footprint Lake} ~~the beach~~ must have been fairly recent as the area it was in had been flooded no too long ~~ago~~ and the "group" there seems to have split up as the group on Central Marsh. No signs the birds are having any trouble yet.

12 July

Steaked a two egg nest ~~East~~ of line IV and saw another sitting bird. The nests on pitelka's plot either destroyed or given up.

13 July

The birds on Central Marsh in the North east part

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1965

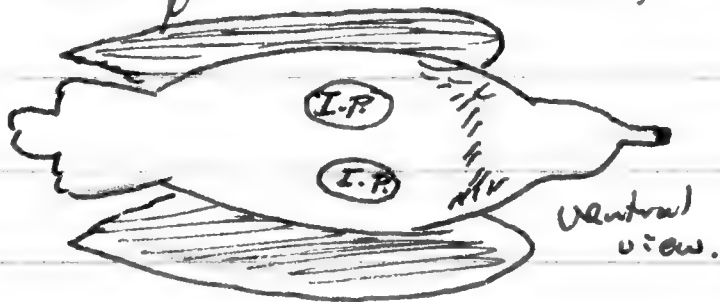
Stercorarius pomarinus

13 July Barrow, Alaska appear to have flocked up again and were seen fighting over something on the ground. A group of 3 replaced a "♂" seen earlier in this area. The last nest found in the Voth area (7 July) was empty and one of the pair had been shot.

14 July The nest near the 10 stakes on Pitelka's plot seems to have been broken up and the nest along the weasel road still contains one egg. ^{Still flocked} ~~Only one~~ nest in the NE part of Central Marsh. (The 1st nest (Take 17) we found has been unstaked again - parents no longer aggressive & it might have been broken up ^{July 13}).

15 July The birds at the nest near HACS again done at the Semipal. Sandpiper at Nest 13 when it went off in a distraction display, missing it on two occasions.

16 July Found 2, 2 egg nests where the Elson Lagoon weasel road crosses the Beach Ridge, one nest with a piped egg. One nest along here has been broken up, the egg cut in half and one adult dead. The incubation patches are quite interesting, obviously for 2 eggs only



A nest found 22 June and probably the one flocked again 24 June contained one egg, 1 chick and the shell of its egg. The nest had been marked and the stake was lying on the ground; even if this nest was among the only other staked nest in the area

P. DeBenedictis
1965

Skrecoerius pomarinus

- 16 July Barrow, Alaska, was also a legger on 22 June. This gives a incubation period of 24+ days, and the date for the 2nd egg should be checked; if correct it is probably indicative of a long interval between eggs.
- 17 July There was 1 chick out of the nest and a piped egg in the Jaeger nest found ~~27 June~~ (with 2 eggs then). The adults still bombed me. There appear to be two new pair of jaegers in the area where the road crosses WTH creek to the gooswell, and one acts like they have eggs but I have not seen them sitting. Other nests checked with eggs. The 1st nest found can't be located as the marker is gone but the adults are in the area, the nest almost certainly having hatched.
- 20 July The nest just N of Crestline Ridge contained 1 young and 1 cracked egg. Shells in the nest, but the young bird quite dry.
- 21 July Checked nests along Wohlschlag and Elson Lagoon. The nest on Pitelka's plot was gone the last time. The side nest checked and the ♀ not in the area, though birds from Holmes' Marsh have moved into the area. The birds in the N part Central Marsh not nesting and no indication of hatch in birds in the east part of the marsh. The pair with a piped egg 16 July now far from nest stake. The next 3 pairs along the road each had 1 young and 1 egg, this cracked but no hole in 2 cases; a one egg nest in from the road unchanged; the ♀ of this pair almost sat on my head. The 1st two nest along the lagoon with 1 (probably 2

P. DeBenedictis
1965

Stercorarius pomarinus

21 July Barrow, Alaska - (but found only 1) and 2 chicks, the latter fairly small, and the nest in the Horns from there with 2 eggs. The next pair, possibly two pairs, down are gone and 2 snowy owls were in the areas they occupied. Saw fights over the N part of Holmes's Horns but didn't check nests there. Should get back to UOTM pretty soon now. The largest young are now around pretty well but don't seem to be more than 3-5 days old. They don't bother the long-bills out in Central Marsh.

22 July The one egg nest near AACS not yet hatched. The pair close to the road south of S. Salt lagoon gone and Hamilton found a broken egg ^{+ white feathers (sp?)} by the nest; the pair further in still there but well away from the nest marker (nest not checked) as were all other pairs. No signs of any hatching except for the 2nd chick at the 27 June nest (see 17 July). The pair at the latter nest were quite nasty, especially, so I was near the 10.0 end of line ~~TEA~~ TEA, where one bird hit me 3 times. Who says they calm down when the eggs hatch?!

When I was checking the pectoral nest near AACS the ♀ pectoral when it into a distraction display on numerous occasions. The pair of jaegers whose nest is only 100 yards away were bombing me and when they saw the ♀ pectoral they dove at her, obviously trying to catch her, on 5 different occasions. Each time the pectoral flew when the pair was about 2

P. DeBenedictis
1965

Stercorarius pomarinus

22 July Barrow, Alaska - three feet away and ~~avoided~~ the jaegers without much trouble. The act was quite effective as the jaegers took off the ♀ as soon as they saw her, even leaving me alone. Another hundred where I guessed several semipal chicks to be in the VOTH area and the adult semipals would fly noisily to about 6 feet from the jaeger and run off giving a mixture of the "chick" and trill calls, very loud. As these ~~semipals~~ ^{semipals} were doing this the jaeger was constantly wabbling the adults and found no young (nor chased any puffins adults.) It (the jaeger) eventually got up and landed about 30 feet away, where on the semipals also quieted down.

23 July Saw lone chicks at the nest on the weasel road to DSC + GS and at the end of LINE VI, and all others in this area appear to have hatched young. No pairs missing. The young move quite far from the nest. The pair of the nest at the 100 post of LINE VI were quite mean; the ♂ struck me 4 times, the 1st time so hard that it appeared to injure itself, for there was blood on my parka and on the jaeger's flank. When they bonk you, they ~~BONK~~ you!

24 July. One nest along the gaswell road missing but the pair present + the others with eggs in the VOTH area. the nest near the forks in VOTH creek three empty, shells near by, as the next nest inland, the pairs

P. DeBenedictis
1965

Stercorarius pomarinus

- 24 July Barrow Alaska - present at each. found an unmarked nest with 1 chick and 1 egg, the parents present but not demonstrative, to the west of Gasline Ridge across the gasline - this pair noted earlier and it may be the long missing nest. No evidence of any missing pairs but the 1st extant nest along the gasline road on the east side no longer vigorously defended though the eggs warmer.
- 25 July In the area south of Ikroavik the populations appeared to be somewhat less dense than N and W of Ikroavik although I suspect this due to the low wet tundra rather than scarcity of food; they are concentrated in the area of high center polygon and the upper lake margins and fringe out toward the lake. Estimate populations in the 10-15 pair per square mile level in this area. Several birds sitting on nests. ^{Small} flocks ^{to 10 birds} were seen on Footprint and Sengooook lakes.
- 26 July Two nests near VOTH area each with one egg and piped and a hole ~ 1/2 inch in diameter and the other crushed and one ^{nest} with a freshly hatched young, the other egg entire. One egg nest near where the weasel road crosses VOTH creek, the pair not demonstrative and arrived in the area about July 17.
- 27 July The 1st nest along the gasline Road (2 piped eggs yesterday) with 1 chick, 1 egg. The one egg nest found yesterday and by AACS ^{unhatched.} ~~was changed.~~

P. De Benedictis
1965

Stercorarius panorinus

29 July Barrow, Alaska - There appears to be little indication yet of the fate of the year crop though some signs are ominous. The pairs along the weasel road to the Central Marsh area are very inconspicuous and the pairs to the N and S of the Aulik shack seem to be gone. On the other hand all others present and a few large though downy young seen. One at the end of line VI begged for food with a high rolling chatter and was fed by regurgitation (onto the ground) by the ♂. A pair was seen to catch a LEAST WEASEL, 9.V., which nearly fended the jaegers away. Judging from the difficulty they had they do not normally eat weasels and the fact that two jaegers from outside tried to get the weasel may be an indication of a food scarcity. A pair was seen ^{pulling} ~~pull~~ on a dead Lemming after it had been nearly pulled in half, one of the pair ate the lemming.

Jaegers widely distributed over the area south of Wohlseh lag, about in the 15-20/mi.² level of population. all appear to have young and 2 chicks seen, both 5-10 days old.

P. D. B. ...
1960

Stercorarius pomarinus

- 5 June. ...
4 birds ...
about 1 A.M. ...
900m. ...
to ...
- 8 June One flew over ... about 10 A.M. ...
about ...
... about 30 ...
- 9 June ...
- 10 June ...
- 11 June ...
- 12 June One seen in Agassiz about 10 A.M.

*Stercorarius
pomarinus*

P. DeBenedictis
1965

Stereornis parvirostris

- 24 June Barron's, Alaska - a dark bird a dark-breasted bird appeared behind the lab in the sand area today and were seen on two occasions before and after noon. The 1st time seen they obviously attacked, striking in flight, those Pomarines that passed through the inner sand area, and succeeded in chasing 2 (but not a 3rd) away. They appear to be covering a large area but are clearly interested in the sand area. Didn't hear any calls, and saw one brief wing up when the dark bird landed.
- 26 June The same (?) two birds seen briefly in this area in the evening.
- 27 June Same pair still present; saw a lighter colored single in the VOTH area.
- 28 June Saw 2 pairs together over the sand area, both of one light and one dark bird. The call is a "Ki-ow" intermediate in pitch between S. longicaudus + pomarines. Neither pair remained in the area very long.
- 29 June Saw one behind the lab and one in B. Hou's Area.
- 30 June One dark bird seen on the Beach Ridge and another behind the lab.
- 2 July Two dark phase birds seen over Central Marsh along the Beach Ridge in the morning.
- 5 July One light phase bird seen near lines III A-B in the evening
- 8 July One light and dark phase birds seen near Famine bog.

P. D. Benedict
1965

Stercorarius parasiticus

10 July

Barrow, Alaska - a light phased bird was seen chasing a phalarope over central marsh; both rose to ~150 feet in the air, and the phalarope then dove + swerved, losing the jaeger. A dark phased bird over Woldshay.

21 July

1 flying west high over Central Marsh.

26 July

1 light phased bird along the shore of the Chuckchi Sea in the ~~evening~~ afternoon.

29 July

dark phase bird along Chuckchi Sea in the morning.

Stenocranius parvulus

Stercorarius pomarinus

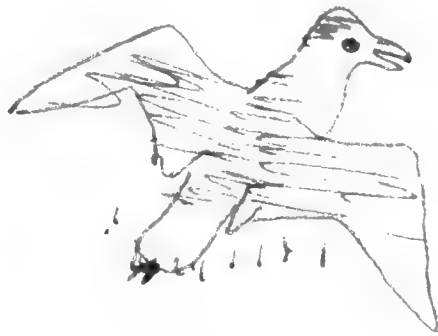
12 June ~~Heads River~~ ~~Long H. line~~ Long H. line 157°25'W, 10°24'N. Heads

Very little in evidence. Ray said he found a nest with one egg at the south end of L. Agassiz. I suppose that's why there not around though occasionally see them chasing K-Tails at the village.

13 June. There seems to be 1st pair near the village bluffs, at least 3 seen together. The pair is a light and dark bird. No evidence of a nest.

16 June Found the nest at the S end of L. Agassiz.
(Pale ♂, dark ♀)

Two eggs. When we got near the nest the birds flew over screaming much like pomarins, except that they did not try to hit us, and also went into a distraction display with the wings open and weakly flapped, the head up and the tail down. They called a low wuzzy, wing call that sounded like a sick puppy, or a whining dog.




Later we saw this pair on

a high polygon. The ♀ begging and the male feeding by regurgitation. The ♀ begging posture was a low arch with upturned pointing head, and the ♂ a upright arched posture. These birds cover



an area of over a square mile from south ridge to village creek.

Stercorarius parvulus

- 17 June Meads River Coal Mine, 150°25'^W 70°29' N, Alaska
Went out to the nest, which we couldn't find,
and got a show like yesterday when we approached.
The birds flying over and giving distraction display.
The ♂ seldom close together or acting in union.
This pair must range over a large area.
- 18 June One fighting with a² long-tail Jaeger in the village.
- 19 June One chasing a L-Tail over the census plot.
The two birds about evenly matched, and the
fight undecided until the L-T. flew off. The Paraulis
later seen on the census plot. A ? ♂ with blue sm. Sofcap.
- 20 June A pair NW of the village as usual.
- 21 June The pair Sofcap seen hunting over the census plot
much of the A.M. Their style is very characteristic.
They seen 6-10 feet up going slowly with little
wing beat; the head pointed down and ahead
 and occasionally looking forward. When
they see something interesting the circles
back over an area without hovering. A smaller
bird will come a an area of ~20 acres at a
time going back and forth over strips ~20 yd
apart. They seem to be looking for shorebird nest.
The light bird with both remaining eggs of the Redpoll
nest on the plot, and was then chased off by a L-T.
Jaeger. This bird returned in the afternoon about 2 PM
and spent about 10 minutes circling over the area
before leaving the census plot for the day. See
S. longicaudus.

Steerornis parasiticus

- 22 June Meade River Coal Mine, 157°35'W, 70°20'N, Alaska
Two light phase birds near camp in the evening
don't seem to be birds I had known about earlier.
- 26 June Still hunting on the same plot.
- 27 June Two light birds on the path opposite camp.
- 28 June The 1st of the three birds seen on the same
plot yesterday. Later seen on the same path, when
it was thinned up the first time.
- 30 June Still in the nest at the end of the Agassiz.
But still the same. Some have started to
nest in the house at the hill top.
- 5 July A dark phase bird landed on a nest at the end
of the path opposite the North cliff area. A light phase
bird was there. Didn't touch the nest.
- 6 July Same same path Agassiz.
- 9 July Same same path Agassiz.
- 11 July About 1000 to 1500 to see what was going
on. The birds were in the same area. They
were still singing and were interested in me, but
did not sit on the nest. For a long time, as I
was back and forth. It seemed as if they were
tired in the morning, but they were interested in me
nothing, just when a 1000 ft. high hill was
over, it was attracted immediately, and
went off as fast as it could. They seem to be
mostly hunting on the same, and also on the
flat of the same.

P. DeBenedictis
1965

Stercorarius longicaudus

- 20 June Barrow, Alaska: - one seen flying from the FAME tower area toward the S end M. Salt lagoon; I landed on the rim of the lagoon for a short time and then took off by NE across the lagoon out of sight. The bird was a little darker than the other two long-tails I have seen but its tail feathers vibrated up & down in typical fashion as it flew.
- 21 June In contrast to the other shorebirds, this species appeared to be somewhat more numerous today than yesterday. (Applied to Red Phalarope?).
- 21 June A single bird in plumage similar to the one seen yesterday flew in and landed between M & S Salt lagoon; it flew in from the W and remained 3-5 minutes; it first preened then walked over to a ^{large} polygon and ~~he~~ ^{he} began to pick up something that looked like rodent droppings or dead (caution) and drop it; I went to the spot during the jacuzzi away before it had been able to eat this and was unable to find anything except mounds of reddish-brown lichen or moss. The birds are almost bluish-white and the rest of the legs & bill are black;
- 24 June Saw one over family lagoon and one ^{another} carrying a hummingbird high in the air (alone), dropped the hummingbird, then gobbled it again and swallowed it, in the AM and two together near the N entrance to Wohlsehlag Slough in the afternoon.
- 25 June A short-tailed individual was seen on two occasions (about noon & 10 P.M.) near ARH.
- 26 June A "no-tailed" bird allowed very close approach on Dr. P. & M.'s plot.

P. DeBenedictis
1965

Stercorarius longicaudatus

27 June Barrow, Alaska - 2 single birds and a "flock" of 3 were seen over the Barrow area and 1 was seen over the UOTH area, another over Family Lagoon. It (the last) was in a chase involving a ~~P.~~ Pomarine and called loudly, the calls much higher than Pomarine and longer. Like the protests Poms give near the nest. All seen today had fairly good tails except the 1st bird ~~which~~ which was rather dirty below and had short "tails".

28 June One seen towards the N end of Family Lagoon was going after a very dead, small Lemming, and was bothered (but not actually attacked) by a pair of Pomarines in the area. A medium-light and a very light individual were seen near the Barrow area.

29 June. Only one seen in the morning but at least 8 (3 over the lead, 2⁺ near Family Lagoon, and a group of 3 including one subadult near Burton's area). I traced a call which sounded like a Amer. ^{Wigeon} ~~W. Wigeon~~ (whistled "wee kee") to an individual of this species being chased by a Pomarine J. near Micromet in the evening.

30 June ~~and~~ An adult + a subadult seen over Central Marsh in the morning.

2 July An adult and a short-tailed subadult seen over Micromet Marsh in the ~~evening~~ afternoon.

4 July at least 5 sitting on the ground between J. + M. salt lagoons and 2 seen over UOTH slough. 2 were seen along the ice on the lead, flying slowly about 10 feet up and dropping

P. DeBenedictis
1965

Stercorarius longicaudus

- 4 July. Barrow, Alaska - like terns as if to feed, and one
rested in the water. One of the birds seen on the ground
was a dull gray-buff job, probably 2nd summer, and
all but this which were seen in flight have good tails.
- 5 July Two seen near Family Lagoon between this & S. Salt.
- 6 July Two seen along Elson Lagoon and at least 2 on
Central Marsh. One, chased half-heartedly by a
Pom. Jaeger, called "wēh wēwē wēwē" (---~).
Another ~~hunched~~ ^{picked} tern like over a boulder of the Beach
Ridge and twice dropped down for a food item
which it either missed, or was so small that it ate it
immediately. Its feeding actions attracted a Pomarine
Jaeger which chased the h-Tair away.
- 7 July Two long tailed & one short tailed bird seen along the
E side of Family Lagoon. Three seen between Family
and S. Salt lagoons in the ~~evening~~ ^{afternoon}; they were quiet.
- 9 July One sitting on the tundra by Family Lagoon.
- 10 July One along the shore of Elson Lagoon.
- 16 July Two seen along Elson Lagoon.
- 19 July One near N Meadow lake and another (or more)
along the lead in the evening.
- 20 July ~~A three-egg nest~~ A group of 6 seen along
The Beach ridge near USC & G5 shack and
when we looked over the marsh we found it to be
the commonest species of jaeger (or bird). They were
most landed and appeared to be feeding, plow like
in the tall grass which nearly concealed them.
They were all adults, most with tails and 1 showed!

P. DeBenedictis
1965

Stercorarius longicaudus

- 21 July Barrow Alaska - signs of primary Flock. The
Ciel people say they were present yesterday.
Counted 21 from one spot, and Hamilton said
he saw at least 50.
- 23 July 3 along the NE end of Central Marsh and 5 on the Bauli
Ridge near USC & HS were all that remained of the above
flock. They feed from the ground, walking slowly through
grassy areas and occasionally picking up and eating
some small food item, which I was never able to identify.
The Bird on the Ridge were chased off by a Pomarine
Jaeger (while I was ~~trying~~ to photograph them) and
all were gone by 4 PM. All had good long tails.
- 27 July 5 in the dump near S. Salt Lagoon and 6 in Central
Marsh. All adults feeding on small objects on the
ground, in wet grassy areas, away from Pom. jaegers.
- 29 July One along the Chicchi Sea behind the bar and
one along elson lagoon, both adults with tails.

Observations on Long-tails

1 June Made River and Range, 170° 35' W, 19° 30' N, Pacific

A nice bird was perched along the shore
near the village. When it was approached it
flew off to the river and was perched on
a low bush. It, and was observed by
the observer. It flew off to the river
passing to lower river and was seen to be
about a mile or so away.

2 June The same bird was seen again
near the village. It was perched on a low bush
Two calling birds "hoo" and "hoo" were heard
flew over the village. The observer, not being
able to approach to the bird.

3 June The bird was perched on the river, and
flew off to the river. It was perched on a low bush.

3 June Two were singing the most of the day. The
bird that the girls were singing on 1 June, was seen to
a little chin with meat on the top of its head. One bird was
pecking the meat and fell, occasionally knocking off bits of
meat which the other bird picked up. When they fell
the tail feathers were raised up and down. They made
a funny noise and one, which seemed nervous, would
"paddle its feet" up and down. The birds were in
the canyon for several minutes. 4 long-tails were
chasing the local Parrot-like birds near the village,
singing loudly, and chirping and trilling. One of the
feet. Later two long-tails were chasing two Parrot-like
which were perched on the village ridge near the village.

Stercorarius longicaudus

Muddy River Toolik River, 157°25'W, 70°24'N, Alaska

- 10-11 June A pair along the River and near the village. In flight now. The females seem to be getting the Beils of things. Saw a lot in ~~territorial~~ flight, arching as I went, near the mouth of Smith creek, on Afternoon of June 11. Only adults around now.
- 12 June A pair on the tundra near the 1st lake on village creek, one off after an intrusion which came by, but no territorial flight. Not many along the river anymore.
- 16 June None in evidence but still occ. pair along the river. Not vocal and seldom near the village.
- 17 June A pair landed on the tundra W of the village allowed very close approach. A few flying over, but some lone birds evident and none seem really attached to any area.
- 18 June 4 birds together on the village flats, no interaction. A fight with Parasitic (1 of each) over the village S.
- 19 June I saw one landed on the census plot acting like it was going to regurgitate. The neck was inflated and the bird arched the neck, head down. It ~~glided~~ ^{glided} this 3-4 times and then disappeared into a depression. I went up to it, to find a pictorial Sandpiper nest with 2 eggs and a partly broken shell near by. The jaeger was in the area in the evening, but 4 hrs. later hadn't finished the nest.



Stenocranus ~~parvicaudus~~

19 June Meadle River Coal Mine, 157°25' W, 70°24' N, Alaska.
Shortly before the nest incident, ~~the~~ Parasitic and a L-T.
Jaeger were seen fighting over the plot.

21 June A pair on the census plot all day. They hunt
very unlike Parasitic Jaegers. flying a short distance
- 30 feet or so, then hover 1-2 seconds like a
big kestrel, and dropping down for something,
or dipping and then going on 30± feet and
hovering again. They are getting something from
the ground - ? adult *typhlids*? which are out now.
and may be looking for bird nests. When the local
parasitic ~~chase~~ the Pectoral eggs at 11 AM, a ♀
L-T. chased it away, and then the ♂ came
up and flew along the 1 row with a very deep
loose wing beat calling "Kioo" at each beat.
The two were on or near the plot all day but
are clearly not now nesting.

22-25^{July} Occasional birds in evidence. No signs of nest.

26 June One hunting kestrel-like on the census plot

28 June Two along creek ridge, hunting in the
upland area and nesting on the ground. No
territorial flights.

29 June A pair present along village creek chased
a Parasitic, then another L-T. Jaeger out of
the area, and gave a poor territorial flight.
A ♂ to the W of there also gave a very
territorial flight. Not seen elsewhere, and
none sitting yet. Territorial pairs not seen.

P. D. Buechler
1966

Spizella socialis

- 4 July Blaine River and Blaine, 151°25' W, 64°15' N, Alaska
A bird showing a reluctance to enter a nest and
begin sitting on pinionally the 1st time I went.
When I went to look I found 1 egg. The pinion
has one yellow at the end of the tail. I did not
see the other in any of the nests.
- 6 July One of the local birds seen in the same
plot today.
- 11 July Could not find the nest though I went into
the same.

Larus canus

31 May

Meads River Coal Mine, $157^{\circ}25'W$, $70^{\circ}29'N$, Alaska

A strange gull came by, which I first thought was a Herring gull, near the village about 11 AM. It landed with Glaucous bills and was much smaller. When I got close to it, I realize now the small bill typical of a Mew Gull: the bill pattern was like a 2nd year Ring-bill Gull, and the bill was all dead olive-green. It shot at me with #9, and the #9 shot didn't blow it down at all.

Larus argentatus

27 July Barrow, Alaska - a bird in 2nd summer plumage in the
dump with glaucous gulls. The 3-4 outer primaries and tail
black and the back slightly darker than young glaucous. I
suspect it to be *hayei* because of the limited black on the
wing tips.

Larus argentatus

17 June Macle River Coal Mine, 157°25'W, 70°29'N, Alaska
One ^{adult} in flight over Lake Agassiz in the afternoon.

DeBenedictis
1966

Larus ? thayeri.

21 May

Barrow, Alaska. I saw 3 or 4 gulls flying over the ~~thicket~~ ^{ice} and went out to check them. To my surprise most were this species but one or 2 glaucous gulls were with them. There were about 70 to 100 birds in two groups out on the ice. One ~~got~~ ^{got} up and flew off when I approached and a few landed on a large ice berg. In flight they look very strange, being almost uniform ^{dark gray} on the top of the wing and showing no black below except on the base of the flight feathers. Their ~~feathers~~ ^{calls} were typical of large Herring-type Gulls. All the birds were adults.

26 May

Note: I now believe there may have been Glaucous gulls, as the ~~birds~~ ^{birds} I have seen recently are quite a bit darker above than I had remembered.

P. DeBenedictis
1965

Larus hyperboreus

- June 8 Barrow Alaska - saw 5 sitting on the pack ice near the west end of ^{ARK} ~~camp~~ near the beach line, 4 Ad + 1, 2nd year. 3 more flying about farther out.
- June 9. several birds sitting out in the exposed tundra near the old ^{VOTH Area} ~~AFB radar~~ installation. about 4/5 were adults and the youngest were 2nd year. largest group was 12-15 together. Very social + not much if any aggressive behavior.
- June 10 2 birds were seen flying over ARK and not more than 5 birds were seen out on the tundra in the Meadow hakes - Wohlschlag Slough area; they were singles often with groups of Pomarine Jaegers, mostly adults.
- June 12 Still a few ~~flatt~~ on the VOTH Area and along the pack ice N of Family Lagoon. Saw only 3 or 4 3rd year birds, the rest adults. One bird, subadult had much gray like the mantle forming a band across the tail tip and some gray out towards the wing tip, which I take to be towards the bird called "L. meloni." Birds very social + non aggressive.
- June 14 There are several large group (10-20 birds) located along the shore of Elson Lagoon and a number of others were seen in with groups of Pomarine Jaegers. The birds as before are very social and show little display behavior. Saw one catch a lemming.
- June 15 saw a gull catch a lemming.
- June 17 a group of about 15 in S. Salt Lagoon.
- June 20 a few molting in two primaries, secondaries.

P. DeBenedictis
1965

Larus hyperboreus

24 June

Barrow Alaska - a group of over 82 was present in Central Marsh in the early afternoon, including the 1st 1st year birds I have yet seen, although the majority (barely) were adults. On two occasions two were seen to attack Pomarine Jaegers carrying lemmings and succeeded in getting the lemming from the jaeger. The jaeger fought back but was not successful. According to Dr. Pitelka, it is highly unusual for the gulls to outnumber the jaegers. Additionally, there were 20+ birds on the St. Salt lagoon and about 15 along Wohlshlag shovels, so that the gull population here is really quite high. Many are clearly non-breeders as evidenced by most of the inner primaries.

25 June

The large group still present in Central Marsh

26 June

Virtually gone from the Marsh Area.

27 June

About 300 on Barrowville dump, very noisy and more immatures involved than I had thought. Found a dead 1st year bird near the FAA Tower.

28 June

Found Two dead immatures in the area across Voth Creek from the VOTH area, a 1st year bird eaten by jaegers and a 3rd year bird that appeared to have been shot. Birds flying over the area seem to pass for the most part unchallenged.

30 June

One small group out in Central Marsh.

2 July

A group of 125 ± 25 were present in the Center of Holmes's

P. DeBenedictis
1965

Larus hyperboreus

2 July

Barrow, Alaska - for the first time and was not bothered by jaegers at all to all intents and purposes although the whole group was up when they were 1st noticed. Gulls fly over the Central Blank-Beach Ridge being bothered only occasionally. A group of 75 ± 25 (prob. +) has been at the N end of Fresh Lagoon for the past 2-3 days. Both groups contain fair number of subadult birds, and many are beginning to moult.

4 July

no groups seen today.

5 July

a large group near Lines IV A-13 towards the Barrow Dump.

6 July

no groups seen.

7 July

do.; a few flying over the area and about 10 on Fresh Lake in the A.M., and none spilled towards the VOTH area from the Barrow Dump.

11 July

Two probable ~~non~~ breeders seen on the ice of a small lake W of Kroavik and a few more seen in flight.

19 July

A number seen flying east along the lead, the largest group 10, in the evening.

20 July

^{About 20}
~~21-22~~ on the ice behind the lab, and few seen flying along the shore in the evening.

22 July

A group of 10-15 on the ~~ice~~ ridge behind S Salt Lagoon contained 1 small + 2 land dark mantled dark tailed immatures, which had typical Glaucous gull bills (pinkish with black tip). They are badly discolored and I suspect that they are the "nelsoni" phase of this species rather than Herring gulls.

Larus hyperboreus

25 July Barrow, Alaska - almost all seen were in a large flock of Lake Sungooak, but some birds were scattered over the area, mostly seen in flight well up in the air.

26 July a juvenile with an all black bill on Fanning lagoon

DeBenedictis
1966

Larus hyperboreus

- 15 May Barrow, Alaska - Saw one adult circling over the exposed gravel along the Chukchi Sea; it didn't stay around long.
- 16 May F. Durham said he had seen one at the point 1 or 2 days ago.
- 19 May An all-white bird seen at the lab. 12 reported by the micromet. people - on Family lagoon.
- 20 May Two together behind the lab, an ad. and a 2nd year bird.
- 21 May about 2 with Thayer's Gulls along the edge of the pack ice about noon.
- 23 May → Wade River Lake, Alaska. Saw 4 or 5 birds near camp today from 1:00 to 5:00 P.M. They didn't seem to stay around long, however.
- 25 May A large group assembled in a lake bed N of camp. Yesterday I saw one attacking a small brown animal that acted like a Lemmus.
- 27 May A few seen near camp but the big group resting in a snow-covered lake bed a distance from camp. They are very shy and get up when I am a quarter mile away. All the birds are seen to be adults, but some look like they might be Thayeri instead of this species, as I have still not been able to get a good look at them.
- 29 May Gulls flying about and now seen near, but no large groups seen anywhere, and none on the island today. All birds appear to be adults.

Leaves of the plant

31 June

~~Blonde~~, ~~Black~~ ~~Long~~ ~~Black~~, 15° 35' N, 122° 15' W, 1000

[illegible]

4 feet wide at base, mostly smooth
sides. 15 ft. high at base, very irregular top.

3 June

A few near the village, flying over and making much noise; seen along the Moulton R.

4. What

Admitted among the students, September 18, 1894.
as a student of the Faculty of the Law.

5 Times

Conspicuous on the meads, and pairs scattered on the tundra. Still only adults here. Pa. Tanager seen occasionally.

- [illegible]

Larus hyperboreus

- 16 June Moose River Coal Mine, 150°25'W, 70°29'N, Alaska
No longer any groups here. A few birds settled in islands in the S. part of Lake Agassiz, but none appeared to be sitting. They look as once when we come by but no attack. Few lone birds flying over. Still all adults here.
- 17 June One sitting on a sphagnum mound on the ^{SE} side of Lake Agassiz, ? nesting. Ray said his wife found gull eggs.
- 21 June Lone birds seem to be about to come more, and many are ? unsettled but no longer any sign of flocks. ? a 2nd year bird seen 19 June, but in poor light.
- 23 June Birds flying over the shallow lake basin here, but not out on the moss hummocks. Several with pronounced inner primary - outer secondary molt. As usual, all adults.
- 25 June See ~~Stony~~ ~~quartz~~ ~~quartz~~.
- 28 June Several of the gulls in the area with pronounced primary molt.
- 29 June One on an island in Lake Agassiz flew out to investigate me, but ~~another~~ ^{a second} bird was not seen. It returned to the island but didn't sit. It, unlike birds seen along the river, showed no sign of molt.
- 30 June Ray shot a similar this A. I met in Lake Agassiz, by 10 about 20 ~~birds~~ ^{gulls} but continued about 10, much to the consternation of the local people. The birds

1966

~~by post~~

30 June Wilson River, 2 mi. N. of 17° 25' N, 122° 4' W. While gathering of birds south of the river just above was probably on a canoe. There are certainly some birds about there. I had that put, but with 22° N. by 122° W. points, was more accurate. By the afternoon most of the birds had gone, with about 5-10 in the lake.

1 July A few birds were still in the Wilson R. estuary.

4 July Early in the morning, some birds were still in the estuary, but ~~nothing~~ ^{nothing} in the lake. The birds were in the lake. The birds were in the lake. The birds were in the lake.

5 July One bird was in the lake. The birds were in the lake.

6-11 July Two to 4 birds in the lake. The birds were in the lake. The birds were in the lake. The birds were in the lake. The birds were in the lake.

Xema sabini

P. DeBenedictis
1965

Xemias sabini

11 June

Barrow, Alaska - saw one flying over the tundra to the east from Family lagoon about 1130; going low & paying little attention to anything.

12 June

one seen flying ~~east~~ over the Barrow area behind the ARK about 1130 today.

13 June

one seen along the shore feeding in the open water near the entrance to Family lagoon.

16 June

Two seen near the entrance to Wohlsehag Slough, both of which landed on the ice.

19 June

One seen flying W far out over the ice on the Chukchi Sea about 2 PM.

21 June

One seen flying E over the Micromet area in the afternoon.

24 June

4 birds were seen along Elson lagoon N of Wohlsehag Slough, paired and quite vocal, they had a tern-like "kemmet" (Forster's Tern).

Saw no ground display at all, but saw 3 in a chase, one later turning back to a 4th bird and one repeatedly diving at a Snowy Owl.

25 June

One seen flying along the lead in the late evening near Family lagoon.

27 June

One seen at the N end Family lagoon.

4 July

Two seen flying N over North slough.

6 July

One flying east over Wohlshag slough.

11 July

At least 4 birds seen foraging Bonaparte's Gull-like (tern-like) over a fairly large lake west of Ikroavik where they have nested in the past but the "colony" could not be located. The birds were silent.

P. D. Benedict's
1965

Xenia sabini

12 July

Bauas, Alaska - two seen flying west along the lead in the evening.

25 July
~~19 July~~

Two colonies located, one of ~~10-12~~¹²⁻¹⁵ pairs and the other of 2-4 pairs. The smaller colony was about 1 mi. W of the old gas well near Singsvick and the larger about 1½ miles N of there. Both were in wet grass lake ^{-pools} meadows, water 2 to 8+ inches deep, where hummocks of peat provided nest sites. The nests were grass lined cups, and appeared to have hatched as 1 young was found in one cup and 2 chicks that may have been this species were found on another ~~cup~~^{mound}; no other chicks seen but several egg shells noted. Both colonies associated with 2-3 pairs of Arctic Terns. They drove away any gulls that came near the colony, 6-8 gulls taking part. They flew about over head while we were in the colony, occasionally diving silently at us when we got near nests or chicks and would sit on nests when we were about ~~25~~²⁵ yards away; the whole colony was about 400 x 100 feet and the nests widely spaced, many on islands in the lakes. Birds landed in the lakes and were often attacked by members of ~~another~~^{another} pair. In addition to the keen like call they gave a series of sharp rough "kat" notes — — — — when alarmed. In the brief time I watched them I noted a upright posture with bill somewhat below horizontal, head tossing following a definite forward and a forward also given from the water.



Behavior suggests it is a typical

P. DeBenedictis
1965

Xema sabini

28 July. Barrow, Alaska - ~~the~~ Black headed gull, with vocalization probably rather close to the philadelphia. The forward was seen twice given by one bird defending a nest island and the bill tossing was given by both members of the pair one after another bird passed by. on the water birds in forward position sat low so that the open wing ^{leading edge} ~~margin~~ touched the water. The birds were quite aerial and little ground display seen. I had the impression that some of the birds in the colony were not breeding and an anomalous plumage - a bird with adult wings but a black-tipped tail was seen. One or two lone birds seen away from the colonies. Bob induced a distraction display from one bird he approached.

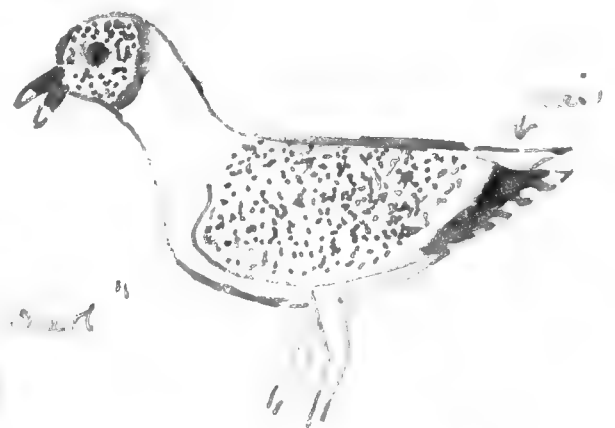
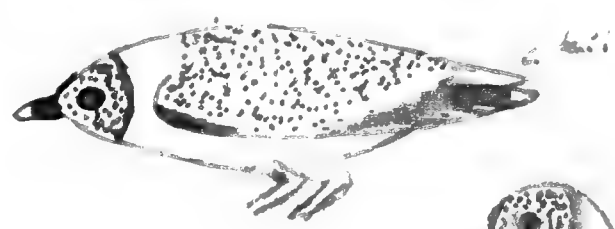
Recurvirostra americana

- 31 May Meade River Coal Mine, 152°25'W, 70°29'N, Alaska
A breeding plumage adult flew east over camp about 11 A.M.
- 2 June A adult seen clearly at 11 P.M. and possibly another seen about 2 hrs earlier, both in flight.
- 4 June Two flew over camp about noon.
- 5 June Several small group - 4 to 2 - seen flying by in the A.M. and two on a sand bar in the River. One seen about 4 noon and one about 4, flying along the river.
- 6 June Becoming quite conspicuous, near the water, intermingled between Bonaparte and Arctic Terns hereafter during the day. Did to fly over and over. Landing on the river, in small groups, no more than 5 together at one time. All were apparently adults in green plumage.
- 7 June A few seen flying along the ^{river} ~~edge~~ in the evening as the river broke up.
- 8 June 34 near the edge of the water and over the tundra. 5 of camp in the afternoon, one resting on the ice, about 5 resting on the ice with Arctic Terns near the pool N of the ice jam in the evening.
- 9 June Finally saw several migrating SE with Arctic Terns in the evening, 5 to 10. Small loose flocks, 1 to 4, occ. with Terns. No very noisy. Occ. stopping to check something on the tundra but not landing.

10 June Meade River and Delta, 15° 25' N, 102° 4' W, 14 miles
 5 birds feeding with L.T. Jaegers on garbage behind
 the village. Some aggressive display noted.
 Upright posture with bill down some 1-2 inches
 In rest post the nose is white.

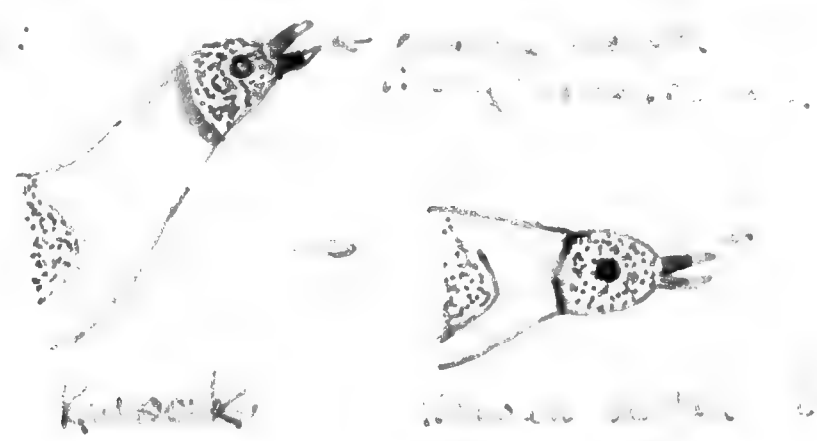


a silent, almost immediate response by the bird
 supplementing, two others. The neck profile horizontal
 and rounded.



A very aggressive bird sometimes in
 upright calling "K. ock. K. ock. K. ock"
 when another bird approaches it.

A very aggressive bird sometimes in
 upright posture.



Notes
 on the
 behavior
 of the
 birds.

The flight note was a "K. ock" sound
 not infrequently repeated.

2. Branta
1146-6

Yellow-billed

- 10 June Black River near Point, 15° 31' N, 79° 11' W. Point
A few in flight in the north part of the lake, also
well inland of the lake. It is a lake with some
water on top of the ice. All the flying birds
they were as they go by. I did not mind them.
- 12 June There is a lake Agassiz, swimming, and
some were flying over land. But I did not mind them.
- 16 June Now definitely sitting on eggs on the largest island
of Lake Agassiz. One flew up to attack a parent
Jaeger going over, then directly back to the nest.
Only ducks and Arctic terns on the island otherwise.
- 17 June Still sitting at least 4 ♂s nesting. Little display
seen though not much watched for.
- 21 June Only occasionally seen on the common plot area,
always flying from the Lake Agassiz basin to
the river & E. or vice-versa and never landing.
- 23 June Still sitting on the island on the SW part of
Lake Agassiz.
- 27 June An important story of 2 pairs sitting on
one of the large lakes in the park opposite
camp. The birds were seen sitting in the
middle and one ~~hatched~~ ^{hatched} in insect from the air.
One landed on a grassy spot near the shore
and in a slight upright posture & made
"teach teach teach" for several minutes, then
flew off. None sitting. No other birds
seen as usual.
- 29 June Only noted once away from L. Agassiz, and only seen

Xenus sabinii

30 June

Apparently still sitting on nests and not bothered by the heat. Apparently were going towards the beach.

4 July

Few birds seen to be sitting, but they were conspicuous as to much noise, swimming about on the sphagnum and swimming on the water in shallow areas evidently catching insects. They were not seen on the inner island near the ridge in the afternoon.

8 July

Still only a few birds on Lake Agassiz, and no sign of any sitting. The big areas of mud clearly gone. A few seen near Lake Heron South of South Fridge.

11 July

No change on Lake Agassiz

13 July

A few more resident than before, but not as many as in ~~the~~ ^{late} June.

Rissa tridactyla

26 July Barrow, Alaska - all birds on the Chukchi Sea flying ~~east~~, one right along the shore and the others further out. All were adults. They were mostly in groups, widely scattered, of 3-5 but a group of 13 seen and 1-2 of up to 10, and one of the larger groups was quite vocal, calling "it-a-ake" loudly and repeatedly as they flew.

27 July Most were seen between ~~4 and 5~~ ^{4 and 5} pm, about 3/4 flying ~~east~~, the rest ~~west~~ ^{west}. The largest group was 32. all but ~~one~~ one immature good plumaged adults. Two flocks of about 12 calling as yesterday. One seen to circle ~~as if~~ to feed, skirt down then continue on out. None as close to shore as the one yesterday but the wing tips could be seen on all.

28 July flock of 8 adults flying east fairly far out.

29 July one adult flying east fairly well out.

P. DeBenedictis
1965

Sterna paradisaea

- 24 June Barrow, Alaska - One seen flying S along Elson lagoon in the afternoon, the flight flopping with deep wing strokes. The dark underparts were clearly evident and the primaries were indeed translucent except for the margins as they are described to be.
- 25 June 2 seen flying South over AKH area in the morning, one feeding (no captures seen), one the W/E part of Central Marsh and one seen along Elson lagoon in the morning; one seen flying along the S part of Family lagoon in the afternoon. The call is a high "kee aaaa"
- 26 June One seen crossing Dr. Pitelka's plot.
- 28 June One seen over Fresh lagoon.
- 5 July One flying along the shore in the evening.
- 11 July Two lone birds seen in the Ikroavik region.
- ~~12 July~~ ^{XEMIA} ~~Two flying west along the beach in the evening.~~
- 16 July Two along Elson lagoon going S (east)
- 19 July 4 seen flying west along the shore by the hab.
- 20 July 1 out in Central Marsh and two feeding close to shore on Elson lagoon near Wohlsehag slough.
- 25 July Birds seen today were with Sabine gull colonies, the nests (more certainly found). In addition to the "keearr" call birds would occasionally rise high in the air flying with a deep wing stroke and calling a high pitched "kit kit kit kit....." Only one bird seen on the ground.

Stema paradiſea

- 20-21 June Meade River Coal Mine, 157°25'W, 70°29'N, Alaska
Occasional lone to groups of 5 birds flying over the census plot area and along the river. One seen in the evening flying over the dunes 4 mi. South of camp stopped over every puddle to fish without even trying for anything.
- 23 June Feeding over the shallow lake area of Lake Agassiz but not going after food after. None seen on the ground - ? nesting here, ? yet.
- 24 June One seen feeding in a small pool 4-5" deep on the census plot. It dove 6-10 ft up, then dipped to water and up again. While in the air it was after was small. Because the only thing I saw was a 4" piece of grass stem in the air. I after emerging tippled.
- 25 June Two birds seen one of the larger rocky lakes off. The first dove regularly into the 2 blue-green ponds in the area, but the second did not and disappeared.
- 26 June One hovering over pools on the census plot but not seen to fish.
- 27 June Three birds hovering over the large lakes in the flats opposite camp.
- 28 June Chasing a ~~Thrush~~ Parasitic Jaeger, p.v., on Agassiz.
- 29 June Scattered birds seen feeding on and near most of the lakes inland of here but no evidence of nesting.
- 3 July One "fishing" in the pools - the same pool.

Stemna purpurascens

- 4 July. Muddy River Lat 44° 15' N, 110° 24' W, Alaska
About 20-25 birds met on the tundra,
hovering over the water and fishing. Can't find
any nests nor see any birds sitting. A couple
on the lake from south of South bridge.
- 5 July 3-4 birds on the flats opposite the South bridge as
usual, one the large blackbird. The
other the small yellow one. Some in the
lake by.

Uria (lomvia)

July 26 Barrow, Alaska - about 5 numbers seen to far out to identify over the ice on the ~~Chukchi~~ Chukchi Sea near duck camp.

July 27 Flocks of up to were seen along the Chukchi sea some as close as 400 yards off shore. Two landed not far out and could be identified as thick-bills on the basis of the white on the breast forming a deep V pattern.



typical of this species

Most of them were going east and all but one (which had dark annulations) were in breeding plumage.

July 28 All but 6 in one flock, and all going east.

July 29 One seen going east about 400 yards out, in flight the breast appears:



and the head is darker than the back. The bill mark impossible to see. ~~6~~ with a flock of King Eiders along Eleno lagoon in the afternoon, going north. when the eiders shot, 5 turned back and landed off shore all appeared to be thick bills.

Cephus grylle

27 July Barrow, Alaska - two seen fairly far out over the broken ice behind the lab over the Chukchi sea. Both landed near fairly large ice bugs, about $\frac{1}{2}$ mile out. They look like Pigeon Guillemots and might as well be conspecific from what I could see!

P. DeBenedictis
1965

Nyctea scandiaca

9 June

Barnes Alaska - saw my first birds of this species today. They fly somewhat between a short-eared + a Great Gray Owl, depending on how much wind they feel. Saw 2 nests close, one with 7 ^{eggs} ~~and~~ the other was near the ^{Voth Area} old ~~AT-B radar~~ installation. When approached to about 50-30 feet the ♀ flew off and a number of Pomarine Jaegers (g.v.) quickly attacked the nest destroying certainly 2 and probably 3 eggs (leaving 2 intact). The Gowl remained about 100 yards away but the ♂ came to within about 25 feet of the nest. When the jaeger 1st approached they had a learning which they twice dropped. The second time it was dropped the ♂ owl picked it up and carried it away, perched only loosely by a jaeger, the owl having turned to the nest. The Owls must have been disturbed by our presence for when we backed off the pair (which copulated once shortly before) quickly returned to the nest + the ♀ landed near by, 1st looking it over and then settling on the eggs. ^{They 4 or 5} ~~About~~ jaegers who attempted to get at the nest were quickly discouraged by the owls, the ♂ striking one; they turned to the ^{eggs} ~~nest~~ they had already taken and finished them off, then settled down again.

10 June

visited one nest and saw several additional birds. Dr. Pitelka's 1st egg nest now contains only 9 eggs and 2 hemmuss carcasses were nearby. No signs of egg shells nearby. Saw one pair, the ♀ injury flying and the male in a deep-winged display flight near the Beach Ridge; the 11 egg nest is near

1965

Nyctea scandiaca

10 June Barrow, Alaska - (cont.) the Central Marsh area. along the shore of Elson Lagoon about $\frac{1}{2}$ way between Wohlshlag Slough and Brant Point we had 7 birds in sight at one time, some times with 2 ♀s in fairly close proximity; no evidence of a nest was found, but 2 ♂s giving the "Dracula" display were seen and some injury fighting was seen. The birds were not completely concerned about our presence as they often landed to within 30 feet of the Wessel but only one possible bird appeared to be at a nest site. A ♂ flew high into the air over this area calling a soft "hoo-oot" repeatedly (about 1/second) and a female on the ground squealed several times during this period. 2 ~~hunting~~ kills by Owls were seen.

11 June found a nest at the south east end of ~~the~~ Family Lagoon on a mound on a polygon ridge overlooking the Lagoon. It contained 8 eggs + a 9th was nearby in a pile of pellets; the ♀ didn't stay on when we were near and was not attached at the nest. Saw the ♂ "draculating" near the nest. No copulations seen today.

12 June little activity seen in this area. One pair seen on the ~~side~~ Family Lagoon and showed no nest signs or display; found a feeding, ~~not~~ pellet casing area.

P. DeBenedictis
1965

Nyctea scandiaca

13 June Barrow, Alaska - found at least 5 birds, 3♂ + 2♀, between Fannily + S. Salt lagoons. None seemed to be nesting and one ♂ is apparently unattached. # found a scrap on which a ♀ had been sitting, on a small, bare raised polygon surrounded by a few feathers and pebbles, but no signs/eggs. This pair was notable that the ♀ attacked the ♂ on 2 occasions, the 1st time knocking off a feather & the second time chasing him away and was then attacked by a pair of Pomarine Jaegers, g.v..

14 June Saw 4 nests today, one with 2, one with 3, one with 9 + one with 10 eggs. There were at least 3 additional pairs and 2 or three unattached ♂s. One of the pairs posed a ♂ "scrape" upon which the ♀ was sitting. Saw one male flying about conspicuously carrying a lemming near a female, of the above pair, and another (10 egg nest) ♂ give "diacula" display.

15 June Found a nest with 6 eggs on a mound on the top of the ridge along Elson Lagoon due East of the CREK Tower at Barab Point. The nest was surrounded by feathers - as usual & the ♀ seemed quite concerned by my presence although was not dive-bombed. Saw a second pair out on the lake area; the ♀ low on a mound but no nest.

P. DeBenedictis
1965

Nyctea scandiaca

17 June Barrow, Alaska - 7 birds were seen at one time in the area between Family Lagoon & the S. end of S. Salt Lagoon; 5 ♂s and 2 ♀s; none of them appear to be nesting; and no courtship activity was seen.

19 June Didn't notice as many owls in this area any today, but not as careful attention was paid to the species.

20 June a ♂ catching a lemming nearby, flew 7-8 feet and flopped down on the lemming and began to eat it. Still a few unattached birds in the Voth-Britton area, probably only 3 or 4 ♂s and 2 ♀s now.

22 June The area along Elson Lagoon is obviously a 2nd center for non-breeding ~~owls~~ ^{owls} as we ~~found~~ ^{saw} 5 on one mound and 3 others nearby. Most are ♂s. Still 4-6 in Britton's area.

23 June a very white ♂ seen in the distant Baruel area and a ♂ seen out toward the SE end Family Lagoon in a high polygon area.

24 June On the mound where there were 5 owls June 22 today there were 14!!!! The mound is oblong and about 100 feet long; ♂s outnumber ♀s by about 2:1. There were two others on the ice and 3 across Wohlseh Slough for a total of 19 non-breeders + 2+ pairs in the area. Only saw one owl near the Micromet shack and there is a ♀ egg nest on P. Heller's census plot, plus a ♂ (couldn't find a nest) south of there.

1965

Nyctea scandiaca

- 26 June Barrow, Alaska - a ♂ seen crossing the ^{end} ~~end~~ of Holmer's Marsh from Elson Lagoon high in the air with a strikingly direct wing beat - as it crossed it was attacked in order by each successive Jaeger Pair. In the evening a male was seen flying directly and W over the ARH (no jaegers to bother it) in addition to the ♂ that has been hanging out there for several days now.
- 27 June At least 8 owls on the continuation of the Beach Ridge W of Family Lagoon and about = # of ♂s and ♀s. The nest on VOTH area is probably gone as the ♂ has been? shot and the ♀ is gone. Saw a ♀ by the Barrow dump.
- 28 June Saw both of the pair at Family Lagoon (SE end) and the one in the barrel area is a ♀ now. Found a dead ~~immature~~ ^{juvenile} ♀ in the level area across VOTH Creek from the VOTH area, and brought it in for autopsy. There was a live lemming under it when I picked it up! It was thin, weigh 1460 gm. and had no subcutaneous fat and the stomach was empty. The ovary was inactive. It was badly bruised on the right shoulder and about the tail, which was frozen there & out.
- 29 June The pair out in Central Marsh is actively going back and forth from the nest now, although the ♀ stays close to the nest and remains longer than does the ♂. The group of non-breeders at the W end of Family Lagoon numbers at least 19, for I saw 11 on the W side of the mouth

P. De Benedictis
1965

Nyctea scandiaca

29 June Barrow, Alaska - of 00TH creek and 5 on the E side (where they are more scattered) and 2 on the continuation of the Beach Ridge W of Family Lagoon. None hunting but they were noisier when I approached them than they usually are.

4 July The above group has somewhat diminished, only 15 being seen, most across (on the E side) Family Lagoon. The pair is still present & active in Central Marsh and a lone ♂ is hanging on on Footline Ridge; One pair at the N end of Footprint Lake.

6 July Checked the Brant Point nest, finding 6 eggs, 1 newly hatched chick and 2 dead lemmings in the nest. I was not bothered by the parents. I stood at the N end of the mouth of Wollh slag slough and counted 37 Snowy owls from there - none to the NW, 9 to the NE, 16 to the SE and 8 to the SW; this includes the members of at least 2 pairs but the rest are non-breeders, which were seen up to 1/2 mile off shore on the ice of Elson Lagoon.

7 July The owls have moved back from the Micovitt area to the mouth of 00TH creek. I counted 18 in this area in the afternoon; combined with the above total that makes about 55 non breeding Owls in the area around here!

9 July The nest at the N end of Footprint was empty and no dead birds nearby. A nest about 1/2 mi. W of the lake contained 4 young ~~out~~ⁱⁿ of the bowl and one egg. The ♂ did not attack. 25 owls were counted from the

P. DeBenedictis
1965

Nyctea scandiac

9 July Barrow, Alaska - continuation of the Beach ridge W Family lagoon and there were 6-9 birds around Foot print lake. There are a lot of owls around here! Owls were much more active in the evening than during the day.

10 July The group along Elson lagoon is smaller now; only about 20 ± 5 birds. The Brant Pt. nest contains 3 chicks + 3 eggs.

11 July Didn't notice as many around Foot print as on July 9 (but not as careful attention paid). A nest with 7 young (two left the bowl when disturbed) was found along the stream channel at the NW part of Ikroavik and a nest with 6 young about $\frac{1}{2}$ mile from here. The ♂ at the 2 owl nest bombed me twice ineffectually. One of the young off the nest snapped its bill at us + went into a "dracula"-like posture when approached; Only the 6 owl nest contained humming, 3 in the bowl. A pair at an unchecked nest along the E side of a large lake W of Ikroavik were the only other owls seen.

16 July about 20 ± 5 along Elson lagoon. The Brant Pt. nest not checked but are told now 6⁺ young.

19 July The nest by N Mackenzie lake well along. 4 young, all large, 4 are still downy, 1 has fairly long ^{remiges} ~~feathers~~ and 1 can almost fly (bob-tailed).

24 July Found a egg on the ground outside Pitelka's owl nest but no young. The ♀ still in the area. The Brant Point nest contains 6 young ^{and 7-8 lemmings} all well grown but

P. DeBenedictis
1965

Nyctaea scandiaca

- 21 July Barrow, Alaska - without flight feathers. About ~~10~~¹⁵ adults, including the parents of this ~~nest~~^{nest}, along the slough but more dispersed, moving into the area ~~occupied~~^{occupied} earlier by jaegers.
- 22 July The group that had been at the Send Family lagoon dispersed, but the Vinell people working here, which must account for it. One behind the lab had a lemming.
- 23 July The owls that had been out by the Send of Family lagoon appear to have moved into the area along the ridge by Hicomed.
- 24 July The nest on the polygons SSE of line II with 5 small young in the bowl and 1 much larger bird strolling about outside - either one off hatching or there was quite a gap between the 1st hatch and the others. Obviously no lemming shortage as at least 17 dead ones, all moderate to large, on the bowl's edge.
- 25 July Two additional nests seen west of Ikroavik. The only one checked with 6 young and 1 egg; the egg evidently infertile as the ~~the~~^{smallest} young was several days (10±) old. Adults were seen regularly and one loose concentration was seen SE of Ikroavik. They appear to be in about the same density as closer to the lab.
- 29 July Only 3-4 along Elson lagoon and 4-5 across Wohlsehlag Slough. The pair not around the Brant Point Nest. Found a nest, no adults present, with two jaeger-eaten eggs in the polygonized area south of lines XIII, XIV, and saw quite a few adults in the area.

Nyctea scandiaca

25 May Meade River Lake, Alaska, 157°23'W, 70°21'N, ^{Alaska}

At about 11 I spotted a large white bird sitting on a hummock E of the native village and I walked out to check it. When I got to the air strip it ~~was~~ ^{was} perched on the ground with typical owl posture and disappeared into the snow. Didn't get close enough to see much detail on it, but think it was a f.

Nyctea

Scandiaca

P. De Benedictis
1965

Asio flammeus

11 June

Barrow, Alaska. one was flushed from the Barrell area along the E side Family lagoon in the afternoon about 4:30. It flew off ^{giving} ~~leaving~~ ^{with} the sign of attachment to the area.

13 June

one seen fly from Family lagoon toward South salt lagoon, landed in a low area between the latter & the ocean. Picked up the ~~tail~~ ^{outer} primaries and a tail of a bird Dr. P. Kelba identified as a male. The feathers were not weathered and were on a raised polygon in an area of snowy soil feathers & pellets.

19 June

One seen flying high up in the air (80 ± feet up) flying from the region of Brownville to the Barrell area along the road to Akl. It alternated the typical floppy wing beat with long, spiraling glides - the wings out straight Buteo-like, and it spent more time gliding than flapping. I saw no doves nor any evidence of a second bird. The bird looked rather like a migrating Red-tail Hawk as it flew but other shot-cams I have seen do not look like this.

20 June

Belive. Two birds to be present. Saw a very white colored (above on wings) bird flying high but in wavy fashion across M. Salt lagoon and later a second, more uniform-colored bird was seen going the same direction from the same area - the dump by S. Salt lagoon. It, too, flapped most of the time but flew high and did twice glide very briefly, but very Buteo-like.

P. DeBenedictis
1465

Asio flammeus

21 June Barrow, Alaska - clearly two birds present as saw one with good flight feathers and 1 with a gap in the inner primaries on one side, both flying fairly high but no singing. ^{The 1st} ~~one~~ is ~~older~~ ^{buffier} than the second.

25 June One seen flying over the low area between the Beach Ridge and the POW site in the morning. It was in good plumage and fairly dark; as it flew over a pair of jaegers attacked it.

~~26 June~~

Asio flammeus

31 May Meade River Coal Mine, 157°25'W, 70°29'N, Alaska

One flying over the lake basin W of camp about 10 AM and one flying N along the river about 6 PM. Both very light birds.

5 June One flew directly over camp about 8 AM.

DeBenedictis, P
1965

Luscinia ~~svecica~~
~~svecica~~

13 June

Barrow, Alaska— a female was seen in the
barrel area behind the animal hut before noon.
It fed thrush like in the patches of tundra exposed
and did not allow a very close approach;
It flew like a Hermit Thrush. It was brown above,
with some lighter, more rufous edgings on the
remiges which was more obvious when it flew, and
the tail was darker than the back with conspicuous
rufous-chestnut patches like a contrast at the base of the
tail; the supercilium gave it a mottled appearance
and the breast was crossed by an interrupted dark
band; the bill quite slender; the bird was about the
size of a pipit but much shorter tailed, and its tail was
fanned conspicuously when it landed.



~~Luscinia~~

Luscinia svecica

Turdus migratorius

31 May Meade River Coal Mine, 157°25'N, 70°29'N, Alaska

A gully looking, dark headed bird with little or no white in the tail was feeding in the bare areas near the village along the creek about 8 P.M.

F. DeBenedictis
1965

Motacilla flava

27 June Barrow, Alaska - heard a racket - a rough but
singling call rather like a Redpoll but higher pitched,
and looked up to see two birds about the size of
longspurs but thinner, bright yellow below with dark
olive backs and black tails, flying east over the Barrow
area with a strongly undulating flight. They can only
have been this species, judging from what I know
about them and from what I saw.

29 June One heard (and a lot seen) flying N over
Micromet Marsh in the evening.

Motacilla flava - 2

31 May Meadle River Coal Mine, 157°25'W, 70°29'N, Alaska
the ground and moving about actively all the
time. One or two Vireo birds still near the AF
Wanigan.

2 June There are still about 100-150 birds now near
to the main camp, including the ones from camp
to the village, and most of pair is near the
flaming, alone, where I found some now, north
of camp. About 5:30 I managed to collect the
♂ of the main pair. This was in a very
condition, the body pale and the largest one
was about 7 mm and becoming yellow, the rest smaller
and pale yellow. The bird was injured but not
apparently dead. The was fat! Several others
were covered up but there were too many that they
like small birds. The noise is much more active
and noisy now, covering a large area from
the village to the coal mines, creating a lot of
not singing, which was the case from 5:30
to 6 after I got the ♀.

3 June The ♂ at the AF Wanigan already collected by
11 AM and both birds flying about though not
sticking together as closely as before. A little song.
A lone ? I see over willow grove polygon from
the coal mine to the creek. I of camp may
be a different bird from the pair at the AF Wanigan.

4 June Saw the ♀ of the AF Wanigan pair carrying nest material
and there is lots of activity by the mouth of the creek there.

Notes on the birds - 3

4 June. Hawk River and Lake, 157° 35' W, 11° 04' N, mostly
 are within 100 yards of the shore, probably along the shore
 as a territory boundary. There is also an old house near
 the shore, and a small bay, and a small
 point. Birds feeding, mostly in open areas, and
 probably feeding on small flying insects, and on the ground
 on the shore. They are feeding on the ground.
 The birds are feeding on the ground, and on the shore.
 They are feeding on the ground, and on the shore.
 They are feeding on the ground, and on the shore.
 They are feeding on the ground, and on the shore.

5 June. No signs of birds except one on the shore, a plot south
 of camp. All over the camp-village area. Saw 7-8
 together once and 2-3 on the shore. Act like they are
 starting to nest and they now give a loud, harsh cry
 "tse-tse" when approached, occasionally. Feeding
 actively, especially by day. Both sexes, if they are
 helped by plumage, sing as I have seen them
 collect birds in a song flight. There is some singing,
 and the birds tend to stay in two's when they are
 about.

6 June. Many more birds today, mostly on the shore, and
 about, and on the shore. They are feeding on the ground,
 and on the shore. They are feeding on the ground,
 and on the shore. They are feeding on the ground,
 and on the shore.

7 June. Only on the village area, mostly on the shore and
 camp. 3-4 pairs, probably.

Holm's Gull - 1

8 June. Main River at H.M., 11:25' N, 1204' N. 4 birds

About two pairs active south of house. Flying overhead with along the river and landing on the willows. Not much singing. 2-4 birds around the village, going out on the village path and edge. When a pair of the younger birds were seen flying up, calling as they did "no noise" in a high tone, the village.

9 June 1-2 pairs active south of village. 2-4 birds going on, but they are calling, this is the only sound heard from the village.

10 June Active in the village. They were at the house where you get near them, a "stirring" "stirring". One + with a big full of plover-like feathers near the 1, 3 stakes of the house plot. But the birds were very shy by my presence and immediately flew away. The birds were very active in the evening. I was attracted by a song and a song. Just I saw her fly into a nest. The nest is of mud, partly covered, and covered. Since the birds were very active, I saw what is in a very different pattern. While the birds were in the nest when the other bird approached.



Plots with Hens

- 12 June. Messia River Coal Mine, 15°25'N, 10°24'W, Honduras
The nest had 1 egg at 12 A.M. and the same at 5:30 P.M. marked with ink 3.
The nest is on the top of a proper ridge under a tuft of Eriophorum, and is composed of? some stems, partly domed and hollowed. The ♀ not concerned when I closed it but it often comes in and gets when I go to make the village.
A ♂, the ♀ is making a runway between the start of the runway but I can't see where they are going. The members of this pair are usually interested in visitors.
- 13 June Two eggs in the nest. A ♂ on the North Bluff area, but which didn't really get upset about me.
- 14 June Three eggs in the nest. Only the ♀ appears to incubate. Still can't find the nest by the coal mine.
- 16 June Five eggs. ♀ apparently incubating now. Went back at the coal mine and by south creek. In the evening a ♂ flew over excitedly near where I saw the banded ♀ but I could not find any sign of a nest, and never saw two birds together.
- 17 June ~~Five~~ eggs according to Stevens. A pair near the village. One on the far side of the mesa opposite the village dunes.
- 19 June Saw the banded ♀ at the census plot. She covers an area from the 1,2 stake to 200 ± m. S of the plot and to across the river. In the return with Stevens to get her without luck, but saw both birds.

Motacilla flava

- 21 June Meads River Coal Mine, 157°25'W, 70°24'N, Alaska
The female ♀ passing at ~~camp~~^{on} the census plot as usual, but this time she went on a nest which is under a large Saxifraga pulchra in a clump of erophorum. It contains 5 eggs and is well feathered lined. I'll get her yet. The pair near the coal mine seems to be in the disturbed area rather than by Phil's house as I had believed. The pair in camp still incubating, but it's flushed readily and spent a lot of time off the nest.
- 22 June Still 5-eggs. ♀ on, but flushed at a great distance.
- 23 June The female ♀ incubating, some nest. Eggs.
- 24 June One more in the Meads sp. with eggs.
- 25 June The striped bird in camp has laid a 5th egg while my back was turned. The male!!
- 26 June Trapped the female ♀ by putting a wire trap in front of the nest. She went in twice and sat down before I got her. Collected the nest. The female from Hong Kong! Birds still incubating around camp.
- 27 June ♀ still incubating. She still sits very tight. The ♂ on the census plot singing most of the morning.
- 28 June A bird heard near the outlet of the 1st lake in village creek was the farthest inland I have observed this species. The bird near camp now has 8 eggs, but not seen since she laid the 1st.

Motacilla flava

- 30 June Meade River Coal Mine, 157°25'W, 70°24'N, Alaska
The pair by camp still with eggs. The pair by the coal mine very fit by now and whenever I get near them they get up and scold.
- 2 July The nest near camp has produced young, but can't tell how many. Probably hatched yesterday.
- 3 July The pair by the coal mine still sitting up though they don't give much indication of nest location.
- 4 July No change. There is still a bird by the camp plot and the pair by South Creek are even worse than the pair by the coal mine, flying over head and scolding constantly.
- 5 July One pair on the flats opposite South bluff, evidently based on the far side of the river. Again by the bluff opposite South Creek.
- 6 July Still young in the nest by camp. There was one bird by the camp plot that went out to the 3, 3 post. No longer singing. The pair by the coal mine scold as before.
- 7 July One pair on the dunes opposite South Creek.
- 9 July Two fledglings jumped from the disturbed area by the coal mine. The adults now challenge from a long distance away and are becoming a nuisance. The hollow bird by camp coming along, and most of the eggs appear to have hatched. The adults scold more violently now than they did

Melospiza flava

- 9 July Meade River Can Mine, 15.5 N, 102.4 W, Mont.
before I took anything. They are out of
their fraging within 30 meters of the nest.
Flushed once young from among the leaves: ~~like~~
Circus? The birds near the spot where
Lake Agassiz empties were a separate pair.
- 10 July Still feeding near camp and by the village.
Young in the nest yet.
- 11 July When I went by the coal mine, 2 adults
and a young got up. There were young got up
and eventually, 2 adults & 5 young were flying
overhead and circling the mine. They
are well grown. They young usually fly
from wet areas, and are somewhat shy.
Tailed. The pair by camp still flying, but
the parents feeding the young. They seem
to become more and more joining in smaller
groups. There are about 5 young in the nest
(7 hatched). I observed one more. Both parents fed.
- 12 July Still feeding young in the nest by camp.
When I checked in the evening, ~~the~~ ^{the} ~~adults~~ ^{adults} were
off & the young huddled up together, their
backs to the outside of the nest. Both parents fed.
- 13 July Still feeding young by camp by 8:15.
When I got back about 12:30 the young were
gone (one egg in the nest) and there was
no sign of any of the birds. Still 3-4 young
by the coal mine.

Anthus spinoletta

28 May Wash. State Univ., 15125 N, 1024' N, Alaska
One seen flying in a small circle around
a little pine tree. Singing just before
the sun, singing for hours, about 11:11.

30 May One seen flying over the water in flight
about 1 mi. N of the river in the 11:11.

31 May One seen and heard flying over the water
about 11:11.

(Some of the birds heard only may
be yellow Wagtails, which do have a p.p.t.-like
note).

Anthus spinoletta
is now
Anthus rubescens
per Kou 1998

Vermivora celata

12 June

Meadow River Coal Mine. 157°25'W, 70°24'N, Alaska.

When a bright green warbler zipped by the kitchen and landed on an oil drum, I thought I had a Phylloscopus at last but when I finally got a good look at it (at the village!), it was clearly this species. "No" facial pattern and

blurred streaks on breast seen. ^(S. richardsoni) legs dark. No

calls. It fed in willows, and tall Elymus.

Seen going south through camp (again!) about 1 hour later.

Deer Island - St. Lawrence

31 May Meade River near Hine, 151°25'W, 71°29'N, Alaska

A male was found near the HF station in the Ad about 10. It put out a few droppings on the ground in back of me, marking its camp and showing signs of having been there some time. I collected it about 10:30. After I had marked and collected it.

P. De Benedictis
1965

Wilsonia canadensis

22 July Barrow, Alaska - a dead bird was found between two rows of covered crates directly behind the lab. It had been dead for a while but the area where it was found had been graded about 1 1/2 weeks ago. The feathers broke down probably from the rain of 17-19 July. Saved in mummified condition.

P. DeBenedictis
1965

Spizella arborea

11 June

Barrow, Alaska - Found my first of this species today; it was hopping along on the edge of a mound ~~on~~ a polygon ridge feeding in the wetter corner areas about 20 feet from me, and only about 10 feet from a Snowy Owl's nest at Family Lagoon. I noticed its bright red cap & latter could see the red mark on the sides of the breast & black spot on the breast. It was duller on the head than a dipping sparrow and the back was brighter and more strongly streaked, especially with light; the "shoulders" were bright reds but the rest of the back was rich brown. It was silent, and worked toward the ARH area; I judge without comparison that it was ^{very} Spizella smaller than a longspurn.

12 June

Still present in same area.

13 June

found an additional bird along the NE side of S. Salt Lagoon in an area of wetish and high mounds. It fed on the ground and was not very shy. The breast spot was more distinct than on the other bird.

17 June

one present in the same area as above, feeding on mounds & raised polygon on low side near snow level. heard a alarm "seep"; the 1st noise I have got from one of the birds.

Spizella arborea

2 June Meade River Coal Mine, $157^{\circ}25'W$, $20^{\circ}29'N$, Alaska
One flushed from a patch of 4-5' willows at the mouth of
the creek near the village. The bird jumped up on the
willows, then flew up into the village.

Fieldwork - Hudson Valley

25 May. Headline Lake, 15° 3', 70° 24' N, Alaska.
I found one bird feeding with a long-tongued in
a grassy, wooded ridge top along the river, SE of
camp. The bird was a *long-tongued*,
one of which showed the bird, giving a soft
song while in flight, in a very open area
behind the lab. The bird was a *long-tongued*
with long legs. A pair of *long-tongued*
flew in the air. They were along the river
and in the *long-tongued* grassy area along
the river. The first bird of the day.
all the birds were quiet. It is a small bird
a *long-tongued* bird.

27 May. One bird seen the bird in *long-tongued*
area and possibly another along the river.
Bird in grassy area near a 3 mi. E of
camp in the evening.


30 May. One bird seen camp and along the river
and two birds in the *long-tongued* area near
SE of camp. One bird seen and a *long-tongued*
very observed. These birds seem to like grassy areas near
the *long-tongued*. One bird seen near the grass along
the river near camp about 10:30 P.M.

31 May. At least one bird seen the river and near
camp this am. One bird seen. One seen in
the "long-tongued" area. They were seen near
the grass is tall and they can get out of sight.
I now wonder if they are going to stay here.

Passerculus sandwichensis

- 2 June Mearns Ridge on ridge, 127° 5' N, 20° 4' N, 11-12.
SEE ONOTRICHIA LEUCOPHALLA 10-AM
observations - birds still quite noisy, in
polygonal areas
- 3 June 2 singing near the village and one or two
other some in grassy areas. They are now sitting
in the morning sun.
- 4 June 3 singing near the village and one or two
from areas of last year. They are especially
the way the air is up and in the flat 11 of the ridge.
- 5 June 2 singing from the lake basin S of the South
Ridge and a few near the village as usual, in
the very heavily grown over dense woods, especially
where there is mats of low willows.
- 6 June Singing near the village and one or two
from a grassy area, but not in the
grass.
- 7 June Heard and seen near the village and on the
village flats
- 8 June Wide spread but scarce on the village flats.
One singing S of South Creek.
- 9 June 3-4 singing and flushed in the village flats and
where they are widespread.
- 10 June One or two near the census plot. A ♀ near the
generator shack and 1-2 ♀s in the flat south of
South ridge
- 11 June At least 3♂s in the flats near the South Ridge.
♂s not singing a lot. Birds in grassy area near willows

Passerculus sandwichensis

- 16 June Mlade River Coal Mine, 157°25'W, 70°28'N, Alaska
Wide spread in grassy areas, the ♂'s singing. Mostly along L. Agassiz.
- 17 June Several ♂'s in the village flats. Not singing on the far side of the river, but? weather.
- 21 June One singing on the census plot for the first time. Probably from a pair by the coal mine.
- 23 June Two males singing from the west side of Lake Agassiz in grassy-willow areas.
- 25 June Found a partly done nest -  - under a tuft of tall grass containing 5 pale blue, dusky spotted eggs. The nest was well lined. I was unable to see the bird, flushed by the nest, but a pair of Savannah Sparrows were very close about my presence near the nest.
- 26 June Found a 5-egg nest near the coal mine. The nest was a simple cup, feather-lined, nearly covered over by tall grass. The ♀ flushed at 3 feet and was very hard to see. She didn't come back until some time later.
- 28 June All but one egg in ~~the nest~~ ^{the nest} by the coal mine has hatched. Parents chirping loudly in the area.
- 3 July Only two young in the nest by the coal mine now.
- 1 July Again, carrying food, almost 1/2 of the way down the village flats. Apparently nesting at the inland side of the willows, not far from where the nest hatched.
- 6 July Still two large young in the nest by the coal mine. ~~nest~~ ^{nest}

Passerculus sandwichensis

6 July Meadow River Coal Mine, (5)°25'W, 73°29'N, Alaska
Collected one. They nearly flushed when I reached
for them, and have only tracks of down.

P. DeBenedictis
1965

Passerella illiacae.

- 9 June Barrow, Alaska - found one on a gravel pit with turnstones feeding on the ground. It was bright silver gray head with a rufous-reddish back + bright tail and bright rufous streakings ventrally - according to Dr. Pitelka this is the "local" race zaboricae.
- 10 June still present, seen about 2 PM in the same area, scratching in the exposed gravel area near snow drifts.
- 11 June still present in same area.
- 13 June a Fox Sparrow in the same area was of the same general pattern but in a much duller plumage, the streaking quite dark and the throat reddish; it looked unlike the bird previously seen but could have been the same bird much dirtied up.
- 15 June still present; not checked yesterday.

Passerella iliaca

4 June Meadle River Camp, Alaska, 157°25'W, 70°29'N, Alaska.
One feeding along a road near the village, out
in the open scrubland, in several Elms, about
noon. It was the gray-bellied, rusty-backed type
of central Alaska. One seen near the same
plot about 11 PM was in the same plumage as the
bird seen in the village, and resting in a small clump
of willows.

P. DeBenedictis
1965

Zonotrichia leucophrys

10 June

Barrow, Alaska - a single pink-bellied, light bodied bird was seen on two occasions during the day near the animal hut; Dr. P. Helka, who had seen it yesterday, said he heard it sing. It associated with longspurs and was quite alert, ~~and~~ ^{feeding} in the open ~~spots~~ ^{spots} in the tundra.

Zonotrichia leucophrys

30 May Mearns King Creek Bridge, 151°25'W, 10°29'N, Hawaii.
Two feeding with longspurs in grassy regions along
the creek N. of camp of the village. Both singing,
at varying much twittering in their activities.

31 May At least two in the "census plot" area.
along the creek and one in the "census plot" area.
No song. They feed most easily in the edge of grassy
areas where the ground is bare, and are more
active than the common longspurs. They appear
much slimmer in flight. Two together include the
AF Wainigan about 9 PM.

1 June Still at least one near camp. I heard it
at least once.

2 June There are now several in the area. I heard
them singing in the presence of the AF Wainigan N.
of camp and 2-3 around camp, 2-4 in the
flats N. of the village along the creek, 1-2 in
the polygonal area N. of the river, and 2-3
in the grassed area - but there are 2-3 miles N. of
camp. I suspect not a pair and no pair
are evident.

2 June There were two birds along the creek, one in
the flats N. of the village, and one on the bluff
2 mi. N. of camp the AF Wainigan. Still no song. Still
one near the "census plot." There are a lot around!

3 June One between camp and the AF Wainigan about 1 PM.

4 June Two in the village, both with gray lores and unjoined eye rings.

LAUANAH SPARROW

Zonotrichia leucophrys

- 5 June. Heade River Coal Mine, 157°25'W, 72°21'N, Alaska
To my surprise they have begun to sing. One
near the river by the coal mine began singing
about midnight and continued off and on until
at least 8 A.M., and another singing on the far
side about 1 mile south. A third was through
camp and sang from the river. No nest seen in
the village.
- 6 June. One or two in the village. One singing in the
A.M. ? and one near the river.
- 10 June One singing about 1 mi. N of camp on far side
of the Heade River.
- 11 June One singing and feeding in willows along
the edge of the Heade River just as the stream flows
to South Creek near camp.
- 12 June One singing near the coal mine in A.M.
and a ~~few~~ ^{one} seen there in the evening. A ♀, green
with Pinnipede feathers in its back was seen
there.
- 13 June One singing fourth far side of the Heade about
2 mi. N of camp and two ^{one singing} near the 1 stake of
Phil's transect. One in camp.
- 14 June One near Phil's transect, singing from the top of
the stacks
- 16 June One near Phil's transect. Singing from the far
side of the Heade about 1½ miles from here.
- 17 June Singing from the far side of the Heade. Observed
some and scattered along the Heade. 4± ♀s here.

Zonotrichia leucophrys

- 19 June Meade River Coal Mine. 157°25'W, 70°24'N, Alaska
A bird singing from the census plot much of the A.M. in the afternoon saw two together right along the edge of the bluff. One singing by the coal mine.
- 20 June One now singing from the village. Song from near the coal mine.
- 21 June Found a nest with 4-eggs under a tussock of Elymus in a patch 1½ foot-tall Salix pulchra by the coal mine. The ♀ bird flushed gave no distraction display and was very inconspicuous. A bird singing along the river by the 1,3 stake in the A.M.
- 22 June STH/ 4 eggs in the nest, a bird on.
- 26 June " " " " " " " " A bird singing in the willows across the tundra opposite the census plot.
- 27 June At least one in the willows opposite camp.
- 28 June Still incubating. Its higher than before.
- 30 June Still incubating. It is occasionally singing from the far side of the plateau.
- 3 July The nest has young now, but they are small. Not over two days old; probably only one. Found it near the start of Phil's transect in the mid-afternoon.
- 4-5 July Occasionally singing from the far side of the plateau.
- 6 July Still 4 small young in the nest, all moving. One bird incubating.

P. DeBenedictis
1965

Junco oregonus

12 June

Barrow, Alaska - one was found in a highly polygonized area along the NW end of Family Lagoon adjacent to the next lagoon; it was feeding on the lee of the raised polygons and was hard to approach. It was pale-feral, - gray with a darker face and the hood was clearly set off against pink sides; the back was dull ~~of~~ brown. I suspect it was a J. o. meansi due to the darkness around the bill.

Junco hyemalis

3 June Weather fine, wind N.W., 15-20 mph, 70°-75°. A male picking in a pine pole a few feet away from about 10 AM. A few other birds.

4 June Still in the same area. The N.W.

5 June A ♀ that looked like a Junco hyemalis was in camp today - much brown on the back and the sides of the tail. Clearly a salt-stained bird. Only one was seen. It was in the same area as the ♂ was seen earlier.

DeBenedictis P
1965

Calcarius lapponicus

9 June

Barrow, Alaska. saw a few birds near ARH feeding in open patches of tundra and around the ~~food~~ animal shelter. There were more males than ♀s and they look to be paired, saw an occasional ♂ give flight song, rather like a snow bunting but more trilling with a trill towards the end. heard notes given from the ground, the "few" and the rattle and a rather Carpodacus finch like chirp.

10 June

a few birds were seen out in the Meadow Lakes area, but they were generally quiet, in the late evening; not as much activity around the ARH area.

11 June

saw a bird carrying nest material but light was not good to tell its sex; there is about a 50% increase in #s from yesterday P.M. in the ARH in the barrel area. watched one fight. the birds first were fighting on the ground. jumping towards each other and locking claws. Two postures, one that looked like a begging juvenile and one that resembled the hunched posture of a gull, but with the wing $\frac{1}{4}$ open and drooped were seen on the ground; in the latter the tail was raised somewhat, and fanned $\sim \frac{1}{2}$; when quiet they fell flat on the ~~grass~~ ^{snow} and often opened the wing, flat on the snow, away from their opponent. In the air they flapped slowly, and frequently tumbled as they did on the ground; after the fight one sang. birds sing both on the ground and in the air; they are increasingly noisy, this time of all their vocalizations. A similar fight seen about 4 P.M. involved birds which

P. DeBenedictis
1965

Colaptes Laponicus

11 June Barrow, Alaska

remained in a more upright position; saw both fall on the snow one with the wing towards the opponent open. Birds very quiet in the afternoon.

12 June Other than there being some song, little feeding activity seen; sex ratio seemed more balanced today.

13 June little change from yesterday.

14 June Saw several birds hop instead of the usual walking. They were quieter than in the past few days (due to wind?) and no signs of nesting as yet.

15 June Very little song + other activity considering the # of birds seen.

16 June a little song flight near the bare area. Only one or two birds, logging the tundra, on the back ridge in the morning. Birds not noisy at all in the afternoon. A female feeding out in a small (6 sq') of exposed grass was flushed by a lemming which ran under the longspine.

18 June Some what more song but little change in activities from previous days.

19 June Saw no unusual display but the species was quite noisy. An egg found out on the ground, ^{June 17} was apparently this species as today I kicked a ♀ off a freshly lined but empty nest. On June 17 the grass cup had been complete; the cup was better developed and there were 4-6 small white (? snowy owl) feathers in the cup, on which the ♀ was sitting. The ^{nest} ~~cup~~ was placed back

P. D. Benedictis
1965

Colaptes auratus

- 19 June Barrow, Alaska - a overhang on a large polygon forming W and was open only to the west. The ~~egg~~ was cool when found and now cold; I was about 4 inches from the nest & may have been kicked out when I flushed the ♀ the 1st time.
- 20 June To day when I looked in the nest there was a lemming looking out at me! Found a 2nd egg like the 1st found outside the nest, ~~and~~ ^{out side} the nest and a egg brighter, more-reddish spotted inside the nest. Don't quite know what is going on here! No other evidence of nesting except for song.
- 21 June The nest now empty. Hamilton found a 2nd nest containing 5 eggs. It is in a lemming burrow on the W side of a raised polygon at the top of the slope; the nest is bulky and lined with 2-4 swif feathers. Considerable song but no other noteworthy display.
- 22 June A lemming has run its Burrow down through the 5 egg nest above, destroying the entire egg to. Song was little in evidence today and there was little other display noted. Some birds are still far from being attached to an area.
- 23 June Very silent. One seen being chased by a Dunlin.
- 24 June Saw one being chased by a dunlin, g.v. Little change in activity today.
- 25 June Not very noisy today. Hamilton found 3 nests - none not seen, ♀ none.

1965

Calcarius lapponicus

- 26 June Barrow, Alaska - Watched 3♂s & 2♀s on P. teina's plot - one male covered ♀s with flight songs but seemed to be attached to the area. Both ♀ watched were loosely associated with a ♂ but showed interest only in feeding while I watched them. In the evening Hamilton and I saw a ♀ carrying grass and found a newly completed cup in the Barvel area behind the lab. Saw 2♂s side by side on 2 separate occasions.
- 27 June Saw several feeding pairs and 2♂s together on 3 occasions in the Barvel area and flushed at close range a ♀ sitting on a nest with 4 eggs. The nest was well lined with feathers and was in the tallest grass on one of the undisturbed ridges in an area heavily transversed by bikasels, etc. Pairs seen in the afternoon were feeding and the only nests seen had been found earlier by Hamilton.
- 28 June Found a nest with 5 eggs about 100 yds. S of the above nest located under a tuft of grass on a very disturbed clump of mud! No change in the above nest. Birds don't look very territorial but saw one male silently and successfully displacing a 2nd ♂ merely by hopping towards the latter.
- 29 June The nest we found June 26 is now complete but empty. These birds are very variable in breeding condition as it is still possible to find groups of 2-3♂s together and 2-3♀s together with much trouble. They were not very noisy today and no large groups were seen. No change in any ^{nests} checked.

P. DeBenedictis
1965

Calcarius lapponicus

- 2 July Barrow, Alaska - The pair behind the lat is gone and the nest still empty. Almost no song today and most birds appear to be non-breeding.
- 3 July A nest with 4 eggs was found in the VOTH area by Dr. Pitelka. The ♀ came in and looked very concerned but no ♂ was seen.
- 6 July In a change heard no song today, even though the weather was fairly good.
- 7 July Didn't hear a song. The nest found June 26 probably abandoned. Birds were not singing in the VOTH area in the afternoon. A 2 egg nest found by Hamilton between semi; pul. Nests 1 & 2 now contain 1 egg & 1 chick. Little other evidence of nesting seen, but also little flocking.
- 9 July Above nest unchanged; a nest near pusillus 20 contained 3-4 live and 1 dead chick yesterday and all were dead today; no longspurs seen in the area on either date.
- 11 July Longspurs were widely but sparingly distributed in the Ikroavik region and a nest, attended by the ♂ contained 3 large chicks (pulli) and 1 egg, probably infertile. No song.
- 13 July The 4 egg nest found July 3 broken up.
- 15 July The nest found 27 June contains at least 3 young about ready to leave the nest and the ♀ were seen in the area. The nest found 25 June appears to have been broken up.
- 17 July ^{July 27} This nest empty and a ♂ in the area, alarmed by my presence; Hamilton's 1 y nest empty. No young seen.

P. DeBenedictis
1965

Calceus lapponeus

23 July Barrow, Alaska - saw 1 or 2 in such heavy molt they can barely fly. ♂s getting very ratty in plumage.

26 July About as common in the Ikroavik area as anywhere, and little indication of their nesting. Several seen with very stubby bills but they appear to be adults. Two seen lacked the median head stripe and appeared very strange, almost like Savannah Sparrows.

29 July Saw at least two bob-tailed young by AACs about 6 pm.

Calcarius lapponicus

Alaska

23 May Meade River Coal Mine, $157^{\circ}25'W$, $70^{\circ}29'N$,
heard a song which was this species
(? probably) singing from the vines
about 4:30 P.M. Very quiet since he had
seen 4 small dark birds flying over.

27 May. Heard and saw about 15 birds, most 3
together, along the Meade R. They were flying
about, fairly noisily, and there was a little
song, but not much of it prolonged. Saw
at least 4 Is, all packed in with Os.
They were feeding mostly on exposed areas
largely grass & lichen and scattering alder,
on dry sandy soil, but some plants were
seen on the snow ~~and~~ ^{around} tufts of Poa
sticking out of the snow. Birds flying over
generally stop and feed on the large
patches of exposed ground, and they seem
to prefer the barest spots, although that are now
the most exposed area - i.e., the preference
may be imposed rather than choice.

28 May Most of the birds were seen in the area
of exposed polygon ridges and sandy - lichen
ridges near the 1st creek entering the Meade R.
SE of camp this AM. There were at least 3 Is
in the group, and several of the Os sang a little,
probably from the ground when the sun came
out. One or two seen flying along the river.
In the afternoon a small flock was seen on

Colinus virginianus - 2

28 May. Muddy River in Hiss, 15° 20' N, 10° 11' W, 4 high
exposed sandy dunes. - These plots on the river
H of camp and a large group is in line -
disturbed - place? The only other sign of
them were 5th and 2 to in a group and
at least 20 and 30 in the river. The
surround is still more. Little seen. 7 and
group they came off, and moved to the
top of the river, and saw 10 pairs and some
that in small groups were still in
left.

29 May. There were few birds flying about and
possibly a few birds in the river. The
mainly at the river. The birds
Many birds in the river. The birds
feeding in the river. The birds
in the river. The birds
to the river. The birds
and the river. The birds
in the river. The birds
in the river. The birds

30 May. Birds very noisy and they have mostly moved
more into the river. The birds
lower area. The birds
and the river. The birds
but the birds are still noisy. The birds
in the river. The birds
and feeding actively. The birds
after about 10:45 PM almost all activity stopped.

Colaptes auratus 23

30 May

Meadow Lake and Blue, 157°25'W, 20°24'N, Alaska
and I began feeding obviously anxious birds from
clumps of willow 7-8" tall and from places where
they were once among the grass between clumps.
The birds jumped up and flew off about 12-15
feet, turning the tail like they were coming off
nests, and perched on the same. They did
not move on active sites but I think they
were so to rest again later. A few birds were
in pairs like the two between 10 & 11:45 as well.
Birds in song in the area.

31 May

Perhaps a little nervous in the air but to
be seen in flight and the birds were
concentrating on the activity. Lots of AT
chasing not little courtship. It was a little
bit, they did move when they were out of
the tundra. No sign of nesting yet.

1 June

Birds quiet today, probably because of
the weather. ~~There~~ ^{There} not much change in behavior
from yesterday. I occasionally saw a high pitched
squeal which I think is out of the throat, but
haven't seen a bird in the act yet.

2 June

Little change. More disturbance of the
flocks and some birds seem to be paired.
Little song in the AT but lots in the mid-
day period. No nesting activities noted. They
are everywhere the land is exposed, and probably
a little increased in #s from yesterday. ~~at 2 P.M.~~

Parus affinis

2 June Alsea River Camp 15° 25' N, 124° 24' W, 4000 ft.
Little change in the P.M. and some birds fly to
between the river and the camp. The birds would face
each other, then fly up in a sort of fight, and
each other was then trying to pick the other on
the breast. Lots of song from individuals, but
most birds are quiet. They have one
note that sounds a lot like the call of a
House Finch (improvisation).

3 June Birds still in the air and singing but still
more quiet. Some song out of the P.M. flight
seen. In the absence of flocking. In the
evening, birds stay in the shelter of the camp.
Flame the birds are in the air and some
singing. Some groups of 2-3 birds are
seen and no fights. Flashes from one
at least frequently but none out while they
are nesting. Many out on the ground where the
polygonal rocks are being exposed.

4 June No change from before the village. Lots of song
and a few fights. Birds singing was increased
as the melt progresses.

5 June Only 3-4 pairs on the St. and some got
and this seems to be a characteristic mostly seen
at the village where they are much more common.
Song began about 2 A.M. and was essentially done by
4. Some of camp. Saw a ♀ soliciting but the ♂ was
not interested. None carrying nest material yet.

Colaptes auratus 7

16 June Meadle River Coal Mine, 157°25'W, 70°24'N, Alaska

Very little in evidence during the afternoon. Found ~~a nest~~ with 5 eggs on the SW side of lake Aggassiz under a willow on a polygon tundra margin. The nest on the census plot had 6 eggs and the ♀ here was the only one I saw the entire census period, except the ♀ between Phil's transect and the 1/1 stake, as last time, and couldn't find 1/2 the ♂s that were here before.

17 June Found a 5 egg nest on a high polygon ridge under a willow W of the village. Little activity.

18 June Found two 5 egg nests on the village flats. Both on polygon tundra under Eriophorum tufts, one under willow, one not. Both nests well feathered. Several other ♀s seen here.

19 June The ♀ still incubating, and gives a distraction display when I approach. One other ♀ seen on the plot and only a few males. Essentially no song any longer. Yesterday saw group of 3 ♂s in the village flats and today saw 2 ♂s, prob. both non-breeding, near the census plot. Together. I now suspect few birds actually venturing on the plot. but why?

20 June A small group of birds by the village but the large assemblies of ♂s are gone. Found a 5 and a 4 egg nest near the far end of Pitelka's Trap line at lake Ikmarkrak, both under Eriophorum tussocks on polygon tundra (near the top). Little song.

Calceus lapponicus

21 June. Mechuk River Coal Mine, 157°25'W, 70°29'N, Alaska

- A group of 3-4 ♂s and 1-2 ♀s on the census plot obviously non-territorial birds, the ♂s going long distances when flushed, the whole group working along the wire. By watching every ♀ long enough I could find. I found 3 nests, all under *Eriophorum* tussocks on the tops of polygon ridges. 5, 5, and 4 eggs. The ♀s are covering large areas around the nest in their foraging, and sit very tight when they are on. All nests are well feather lined. In the afternoon watched a ♀ feeding and preening, then fly ~~down~~ nearly a mile. Little song all day. ♂s follow me through the plot giving a two part answer note and gathering in 2's and 3's, without fighting, even when all appear to be territorial. Obviously, nests are the only way to be sure of breeding population here.

22 June

Caught a ♀ in the trap

by the coal mine.

The tracing of the wing is fully opened and flattened.

I had evidently laid 1 clutch and was just starting the

2nd, legs laid, 1 egg enlarging.

Colaptes lapponicus

- 26 June Meade River Coal Mine, $157^{\circ}25'W$, $70^{\circ}29'N$, Alaska
One nest on the census plot now has 2 young and two eggs. The 6-egg nest rotted, the other with eggs. ?
There is a ♀ just off the plot that almost certainly is not
nest and one near the SW corner that probably is but
which eludes me. Probably 6-10 ♂s on the plot
in addition to ♂s associated with ♀s. They feed in
a greater variety of habitats than any other species
on the plot.
- 27 June Wide spread across the river. A few feeding
on the muddy surfaces between the willows
along the river.
- 28 June Found a 3-egg nest on the census plot;
possibly a 2nd clutch. One more nest starting
to hatch. The ♀ by the 1,1 stake still doesn't seem to
be nesting, and couldn't find the ♀ by the 5,5
marker. Birds are going 200-250 m. ~~off~~ ^{away}
from their nests to feed. Still estimate 3-6
census ♂s on the plot but hard to be sure because
they are so motile now.
- 29 June Very common in the Salix pulchra along or near
creek. More ♂s than ♀s were seen, and none were
seen on nests. One along the lake ~~by the 1,1 stake~~ ^{W of 1,1 stake}
Agassiz. Injured a Redpoll that landed near it.
- 30 June The 3-egg nest on the census plot with 3 eggs still.
2-3 birds seen, eating mosquitoes on the ~~plots~~
Camularia-Litorea flats by the census plot.
♂s now much more conspicuous on the tundra than

Colinus lapponicus

- 30 June Waddle River and River, 15° 25' N, 70° 21' W. North before and surgery has stopped.
- 1 July Very common on the village flats and a few on the village dunes. Both ♂ and ♀ seen, and nests, some with 1 egg. Didn't see any nests and no sign of ♀ carrying food.
- 3 July All the nests on the dunes plot were ~~empty~~ ^{young}. The 3 egg nest with 2 young and 1 egg. Didn't see any odd ♀s, and the returning ♀s are going as far as 100 m. from the nests to get food. The pair near the 1.5 m. nest and the ♀ near the 1.1 m. nest were still 2-3 ♂s in the area.
- 4 July Still 3-4 ♂s feeding on the Syntherisma. Setaria flats on the back-slope and also several birds seen on the Syntherisma dunes and mounds in other dunes. They are widely distributed near the river, away from the conspicuous bird island in the river south of south bank. As on the dunes plot, they seem to be about 3-4 per area, 1-2. No nests found.
- 5 July Conspicuous but not nesting on the flats opposite the North dunes. Some seen on the dunes. They are mostly in the dunes, Setophorus flats and the Convolvulus flats, but also in the dunes along the river to a considerable extent. Not conspicuous out in the lake, perhaps because there is no open

Culicivora lappouneuxi

- 5 July. Meele River Coal Mine, 157°25'W, 78°28'N, Alaska
Sphagnum thum at lake Agassiz. A ♀ with
food seen along the river bluff in the evening.
- 6 July. There now appear to be 2-3 new nesting ♀s
on the census plot including the ♀ near the
1, 1 marker. The ♂s were scattered, mostly in
the Zeiophora flats by the pine nut, and along
the river bluff near the 1, 6 marker. The
nest close to the river evidently has been robbed,
the lining and inner part of the cup pulled out
and about 1 foot from the original site. No young
birds found in the area, but a ♂ and a ♀ were seen.
The recent nest to the left had only 1 large young
and a pair near in the area; couldn't find any
other young. The other nests appear not to have
hatched any young. They are getting larger, seem
to leave in all but the 8-egg nest. No song.

1965

Plectrophanes nivalis

15 June

Barrow Alaska. Saw 2 birds together fight "tooth & claw", one pulling on wing feathers of the other and the two tumbling on the ground and low off the ground for several seconds. When they separated they resolved into a ♀ which chased an ~~extra~~ ♂ away. They were silent saw a pair ~~investigating~~ a hole in an old oil drum and have seen this on several additional days; The song is throaty reminiscent of a Geospiza and the calls include a longspur like rattle and a throaty "few".

18 June

Saw a male and a ♀ fighting near the hub in the morning and still many birds apparently investigating nest sites.

19 June

Saw one fight and a male with a large ? insect in its beak, which it appeared to eat.

20 June

Saw a ♀ carrying wet, muddy grass blade to a beat up old can along a road, into which she took and deposited the grass. Saw two sexual fights and the ♂s are very vocal.

22 June

the nest in the can is increasing in size, now a well defined but inclined cup. No unusual behavior noted - just song and occasional Rgts between members of pairs.

25 June

a ♀ landed on a ~~old~~ oil drum near a ♂ and went into a beg posture, but was ignored by the male.



P. DeBenedictis
1965

Plectrophanes nivalis

- 7 July Barrow Alaska. ~ As still singing but not as loudly as earlier in the spring. They sometimes give a sharp "peep" note, rather like a Black Phoebe, in flight.
- 11 July Very scarce, almost absent, south of Footprint Lake.
- 15 July a fledgling begging food seen behind the lab. shortly before noon today.
- 21 July A nest in the lab area contained 2 eggs and 1 small young bird. 1 Fledgling seen 20 July.

DeBenedictis
1966

Plectrophenax nivalis

Barrow, Alaska

- 14 May 1 Singing in camp. May 1 or 2 others here.
- 15 May do. Saw one today.
- 16 May do. About 4 PM found a flock of about 30 ± 5 feeding on exposed high polygons near S. Salt lagoon. The area they were in was mostly lichen covered, with little grass but much ? willow mixed in. The birds were very shy and flew off when I started towards them from 100 yards away, calling noisily. Disappeared towards the village.
- 17 May There were at least 4 birds singing in the lab area this evening. Didn't see any females.
- 18 May Quiet today two or 3 birds singing near the lab. Nothing on the tundra.
- 19 May little change. Still all birds present appear to be males.
- 20 May At least 4-5 birds in camp. Saw a little fighting behind pitelka's lab. 2 ♂s, snow-bathings close to each other, kept about 6 feet between themselves except when one ♂ would posture, a crouch with the wings closed, head down tail up and closed, towards the other, calling a low "zzzzzzzzt" repeated 2 to 6 times. No song. This male would then get up and fly at the 2nd, diving at it to within 1/2 foot. The 2nd ♂ would then fly away. This repeated 4 times in c. 3 minutes, when 2nd ♂ left. A 3rd ♂ came in and was ignored.

Thalassidroma nivalis

- 24 May Wade River Camp, Alaska, 157°25'W, 18°29'N, Alaska
One bird singing outside the counterpane
in the AM at 7:30. Not seen again.
- 26 May One bird seen in the AM and when the
AM plane from Barrow came in, Not seen
again.
- 27 May Two birds were feeding in a spruce grove
between the camp and the village. One bird
one of the spruces which is in camp, about 5:30.
Hearing Melody to Kana's X, I saw two
together just beyond the stage. A flock
of hawks was seen in the air. No song.
- 28 May 1 singing in the village. One bird seen
in the AM and one in the PM.
- 29 May At about 10:00 AM at about 10:00 AM, in the
AM singing. Singing from a spruce in the
village. Not seen to be singing. One bird seen
in the AM. Singing in the AM. Singing in the AM.
- 30 May All birds were in the village. Singing in the
AM and in the PM.
- 31 May One bird seen in the village. Singing in the
AM.
- 2 June Not in the village.
- 3 June Not much in evidence at the village.
- 4 June A pair in the village. Not singing. One bird seen.
Very inconspicuous now.
- 5 June A male was singing from the creek near building.

Plectrophenax nivalis

- 7 June Melville River and Delta. 56°25'N, 79°24'W. Alaska.
The ♂ of the pair in the village feeding near the
A.F. Warming house.
- 8 June do.
- 9 June do. the same near the village. No song
recently. Very inconspicuous and uncommon here.
- 10 June Only near the village.

Euphagus avellana

9 June Massena River 10:15 AM 10:15 AM 10:15 AM •
A well marked ♀ with deep yellow gold eyes seen
feeding on a polygon through between camp and
the AF Wainigan. Frank said he had seen it
in camp earlier. It flew off giving typical
black tick and, landing, on the creek and was
later in the guts N of the bridge. The water there
to the bank was silent, and I didn't see
until I saw it. I didn't see it until the
two were in the water at the same time.

P. DeBenedictis
1965

Acanthis

25 June

Barrow, Alaska - one ~~was~~ heard giving the characteristic
"chet chet chet..." flight call and seen flying
from opposite COTH Creek to the vicinity of Barrowville.
It was pink ventrally.

Acanthis sp.
is now
Carduelis sp.
pr Aug 1998

Acanthis hornemanni
is now
Carduelis hornemanni
per Tou 1998

Amphispiza bilineata

28 May Maudslayi River, Rio, Brazil
One seen flying over road, calling, within 100 yds of camp.

31 May Two seen near the village, one in the "old" house.

1 June A pair seen near the village in the A.M.

2 June Finnerly ~~seen~~ near the village. I went with the village and landed in a large camp with many flying birds. I was not surprised by them. The camp was full of birds, but all birds showed signs of being shot. They stayed around while but flew off when my gun was fired.

4 June One seen in the village and landed on a wire. I went to see it and it flew off but did not leave there.

5 June One heard 2-3 on south ridge; I came in and landed at my feet when I squeaked. It came near the birds then hummed, but the birds were startled. No shot. I saw several near the village in the A.M.

6 June One seen in the village in the A.M.

10 June One heard in flight near the road near.

12 June One heard in flight near L. Agassiz.

14 June A pair landed near the runway at the airport. None showed any evidence of having "pre" honey. Characteristics. Though they seem lighter than Mich. and Fairbanks birds, and are more conspicuously pale rumped.

Acanthus bonemanni

20 June. Meadle River Coal Mine. 157°25'W, 70°24'N, Alaska

Birds near camp finally really coming down to feed. Heard them near the village also. Two feeding near the coal mine out on a sandy flat. When approached they are quiet. a ♂ probably, by plumage, the ♂ brighter and clearer marked than the ♀, and chasing her when they get close together. later a 3rd copoll appeared and the ♂ chased it for several minutes. Singing here and in the willows directly across the river.

21 June Sk71 around the mine and across the river. and much singing. 3 birds seen together. Evidently this is a late breeder.

25 June A ♀ collected was a well developed but poorly developed 1 year old, but was very young looking very young. No sign of eggs or a follicle. The crop contained several small ~~larvae~~ slightly hairy dipteran larvae, ? gleaned from the moss under the willows along the river, where they are feeding. The ♂s singing loudly. but the group seen - 5:16 - was quite social. The bird collected was a dark bird with streaked upper tail coverts, nearly clear lower tail coverts, and strong flank streaking. The ♂s were much cleaner, but the one I "shot" flew off when I picked it up.

26 June Occasional near the coal mine and across the river. ♂s singing loudly now. They have a odd raucous buzzy phase which I have not heard from redpolls before - but ~~heard~~ ^{are} the 12 breeding birds I have seen.

Amantia benesumi

- 27 June Manate River Camp Place, 15°25'N, 71°28'W, Honduras
Two or three flying over the flats opposite camp.
1st of many.
- 28 June A pair along the edge of the mangrove in
the 500 ft place. The ♂, the 1st pair in the
same place, singing. Present all day. A little
activity in the wood near camp in the
evening.
- 29 June Noted in willows along the bluff on the large
lake bed of L. Aguas, where a ♂ and ♀ were feeding
together and another ♂ singing. The ♂ seen
was pink on the breast, and looked like it was
bleeding, the pink going out on the flanks.
Heavily streaked on the breast and wing.
- 30 June Heard 1st pair singing.
- 1 July At least a pair together in the willows on the
singing. (♂), feeding in the mangrove. It is
a little pink, the ♂ is at it. The song is
a lot. More than the usual song.
- 2 July A couple of warblers near the wood near
flying over.
- 4 July Birds flying over near the wood near, singing
from the edge of the mangrove.
- 5 July Scattered in the willows along the mangrove.
The ♂ is in breeding condition but not in the
didn't get any. They are feeding in the willows
and on the ground near, still singing. The song
fly over they were feeding. Singing a lot.

P. De Benedictis
1965-1966

Alaska

Species Accounts - Part 2

Mammals

P. DeBenedictis
1965

Lemmus trimucronatus

15 June Barrow, Alaska - estimate density at about 20-30/acre on the ridge along Elson Lagoon. Animals quite noisy. Caught 7 animals from one position and jumped 5 from an area of 10 ft square.

16 June One the beach ridge in the area where Mullen & I collected them on June 12 the beards were a little more conspicuous than last time; we got 11 animals from an area about 100 x 40 feet and got 3 without moving the weasel (Mullen is "donating"), and without beginning to hunt the population; missed 4 or 5. All were singles and saw at least twice as many others. They are digging basins in the tundra along the edge of the melts & seem less inclined to flight than on the 12th. Densities were higher, based on # of birds seen along clearings, on the south part of the Beach Ridge & Elson Lagoon. ~~Some~~ Some grubbing seen here, and they are fairly noisy under the ice.

17 June In the area between S. Salt Lagoon & Family Lagoon saw only 2 lemmings; saw about 25 in an equal sized area (120 acres) to the south of this.

18 June Almost no sign of them in the Baruel area but they are common on the Beach Ridge, the few animals we have taken being unnoticable got 303s and bands & about 104s from an area about 1 acre and didn't touch to total pop.

P. DeBenedictis
1965

lemmings trimacronatus

18 June

Burns, Alaska

FS are a lot more conspicuous now than earlier in the season. Their scurrying has the wheezy quality of a ♂.

19 June

(They are migrating towards the sea) Two were seen on the gravel along the NE end of Family lagoon and there were more in the area between M. & S. Salt lagoons than usual, although the species is far from numerous there, pop only 1/2 to 1/4 that on the Beach ridge.

20 June

No change from yesterday. Saw 2 chases between Lemmings and kills by Jaeger, Snowy Owl and Least Weasel. See the latter.

21 June

Saw one in AKA this noon and they are increasingly conspicuous near Button's Area due to the increase in mch. Saw 4-6 chases and found an animal in a Burrow that had really been in a scrap as the lower jaw was broken. It scurried off when I was 6 feet away instead of after I had almost stepped on it as they usually do. Nearly stepped on two.

22 June

Lemmings very active on the surface near Elson lagoon. Two near each other cuffed each other on the face, then one ran around the other & they copulated briefly. The female ran off about 3 feet & this was repeated 3-5 times. Lots of chasing now, and lemmings are fairly vocal.

P. DeBenedictis
1965

Lemmus trimacronatus

24 June

Barrow, Alaska - Still present in large numbers, at least 100 / acre on the beach ridge and along Elsonagoon. Not at all hard to see 25-30 at one time within 50 feet in front of you. They are hiding in the duff and excavating short burrows, from which their families usually protrude, in the duff ridge areas; they are quite hard to extract from these when they go in. Not easy to make them go into defense posture. They are about as common in the newly exposed area of Central Marsh. There is considerable pursuit, as if breeding is about to begin, and dead animals are appearing on the tundra with increasing frequency.

25 June

The lemmings do not seem to be as numerous today as yesterday, only about 1/3 the # seen. The burrow systems are being rapidly enlarged. Saw one on the beach ridge which appeared to have paralyzed hind limbs. They are fidgetier than usual and quite vocal; ^{about} ~~and~~ 8-10 chases were seen. Most seen seem to be fairly large.

26 June

They are now very strikingly hidden on high lands, and burrow workings are extensive. Still quite common. Saw 2 in Adh₁ and 3 in the basal area for the 1st time this evening.

27 June

Lemmings in about constant numbers everywhere in the north area but not heavily dug in. There are more in the Barrell area than I had thought but judging from the plant damage there are only a fraction of what are ^{present} ~~about~~.

P. DeBenedictis
1965

Leannus trimacronatus

28 June

Barrow, Alaska - They do not seem very conspicuous even though it seems I tread on one (almost) every 25-30 feet or so, so that actually #s must still be fairly high. Tegera not having much trouble finding them and a # of dead ones about, the fresh one fairly large and the only small ones seem very old.

30 June

Although central marsh is rather badly flooded they are still fair numbers of hummings out in it, although they are quite a bit more numerous along the periphery than in the center. They enter the water readily when approached and swim well. Populations on the marsh do not appear to be as high as elsewhere in dryer areas.

2 July

Now as last time the small individuals rather inconspicuous. Some burrow systems are getting quite extensive and one no longer sees tufts of humming fir protruding from burrows. A husky from the lab spent much time chasing them this afternoon; hummings sounded off at the approach of the dog, which usually caused the dog to move in. When pursued on the surface the humming attempted to run for cover, screaming all the time but as the dog came near they would turn around and face it causing the dog to back off - it obviously had great respect for the hummings as it was very careful about how it made each kill, going in slowly and frequently playing for some time before a capture was made.

The hummings, did not, escape very often - only when they got to a ^{burrow} ~~runway~~ system that the dog couldn't dig out.

P. DeBenedictis
1965

Lemmus trimacronatus

4 July Barrow, Alaska - one was seen out in North slough, giving a muffled squeak and digging in a pile of clippings: on closer inspection a 2nd lemming was seen in the pile. The animal digging in appeared to be a ♂ and it would dig in until the face of the buried lemming was exposed. Then run around to the back of the animal and begin to dig again. At the same time the 2nd lemming would turn around in the grass pile so that the two always ended up facing each other. This kept up for 2-3 minutes, then the ♂ quit and ran off down a runway. There did not seem to be any change in #s in any of the areas covered today.

5 July A few were seen well out in Central Marsh and there are well maintained runways in those parts of the marsh that are drier. They are probably not as common here as they are in higher places.

6 July There seem to be about as many along the shore of Elson Lagoon as any where, but there seemed to be very few in Holmes' Marsh and Central Marsh although some runways were well maintained and a few of the huts were seen.

12 July lemmings seem to be about as common around Ikroavik as close in to the station.

Very little change in #s after this time
no young seen to at least 29 July.

P. De Bened. & Co
1965

Red Fox
Vulpes fulva

18 June Barrow, Alaska, A large animal with an almost all red tail seen on a mesa of high polygons at the SE side of Family Lagoon about 4 PM. It sat out in the open for 5 minutes and went off slowly as ^{Hamilton & I} ~~we~~ walked toward it. It often looked remarkably cat-like, and is shorter nosed than Red Foxes I am used to.

29 June One seen crossing the central part of the tundra area about noon. It had a very mangy tail.

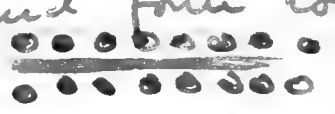
21 July One seen in the tundra area behind the lab. It was not shy and in brighter pelage than earlier and the tail is still mangy!

Mastela

P.D. Benedict
1965


Least Weasel

20 June

Barrow, Alaska - I was playing with a lemming when Bob Hamilton noticed a weasel about 15-20 feet away. It seemed to be very interested in the noise made by the lemming, + kept poking its head up and looking ~~our~~ direction. It gradually approached, ^{1st} working along the edge of a snow bank then crossing over a flooded trough on top of the snow to a tunnel, to appear only 10-12 feet away, and worked closer, again along the edge of a snow bank until it was about 7-9 feet away. It then ran back to where it came from, reappeared with a medium-sized lemming (50-70 gr.) and carried this to about the area where it came closest to us. It then disappeared into a heavy weed hole. We went over to investigate and we were able to chase the weasel out without trying. The ~~area~~ ^{area} around the hole is littered with lemming ^{fr} and there were small piles of grass cuttings. The animals obviously don't like to get wet as there are paths across the snow in the troughs rather than under as the lemmings go, and the area for about 20 feet around the den site was obviously ~~heavily~~ ^{heavily} utilized judging from the tracks on the snow. The tracks ~~are~~ ^{close to} and form rows over the snow, where the wheel hops. , making a deep and well rounded-footed impression than the lemmings do.

Least Weasel

11 July Brewer, Alaska - one was found under an old piece of corrugated metal roofing; it hid under this and could be induced to pop out by our squeaking at it. It was quiet curious and took an erect posture

 when it wanted to see what was going on. We flipped over the metal and were able to photograph it at close range. There was a partly eaten humming under the metal. After we had done this several (4-7) times, the weasel took off and went into a shallow burrow system where we got more photos. Then it came back. This was repeated 3 times & the weasel finally had enough & took off.

12 July One seen west of Ikroavik.

13 July I came into this story when a pair of jaegers snatched 2 from a brood of at least 5 young weasels. Two of the Cell people told me a family, 6 young and 1 parent came strolling past them. They had gone about 35 feet when spotted by a pair of Pomarine Jaegers and had dashed for a hole, 2 of the young not making it. The jaegers grabbed the young by the head and carried them to their chicks. At the same time the ♀ weasel appeared and ran to the spot where the young were caught, to which we had gone earlier, and came to 4 feet from us. She went into a humming hole, went in, then popped up 3-4 times, finally ~~gave~~ gave a low, almost pining "drrrdrrr drr" call, and appeared with 1 young, which was about 2/3 full grown, and carried it off to another burrow about 50 feet away, in ~~3~~ 5 seconds.

P. De Benedictis
1965

Least weasel

29 July Barrow, Alaska - she carried the young by the side of the nose and the young head was clearly and roughly dragged along; the ♀ stayed to runways while carrying the young. After about 1-2 seconds, the ♀ returned, repeated the procedure and carried off a 2nd young weasel the same way; the jaeger returned at this time so the ♀ ditched the weasel under some cuttings and hid; the jaeger moved off, and the ♀ came back to us and going through the same procedure carried off a 3 young weasel, making it to a hole about 20 from the hole the 1st young was taken to, and here was cornered by the jaeger. She kept popping up and going down ~~to~~ and the jaeger stayed off; they were scared off by one of the crew people and the weasel took this opportunity to go after the young that had been ditched, getting it to the ~~hole~~ ^{hole} to which she took the 2nd young. She was again cornered by the jaeger, both of the pair standing about 4 feet off; the weasel went through the same procedure of popping up and down and the jaeger were clearly hesitant to attack. after about a minute of this it appeared the weasel took the initiative and attacked the ♀ jaeger, running towards the jaeger and jumping towards the jaeger's throat. The jaeger backed off and the ♂ soon left. The weasel over played her hand because the jaeger eventually got hold of the weasel, after 1-2 minutes, holding it behind the head and flying up about 15 feet; the weasel squirmed and the jaeger

P. DeBenedictis
1965

Least Weasel

29 July Burns Alaska - came down and dropped the weasel, which immediately attacked the jaegers, and this was repeated 4 times, the weasel clearly being overcome and the jaegers staying ~~close~~ ^{close} in and becoming less hesitant to attack. The ♂ jaeger stayed near the ♀ but did not assist in the "kill" and after the 1st time the weasel was dropped ~~the~~ jaeger from the pair to the north came in and tried to "horn in"; it was not chased off until after it had a half minute or so period to get at the weasel which was on the ground floundering off the jaeger. at the time. After the ♀ jaeger got the weasel, her mate chased the intruder away. The 3rd time the weasel was dropped a jaeger ~~from~~ another pair (or a non-breeder) appeared and was immediately chased off. The 4th time the weasel was dropped, she (the weasel) ^{summed} got away, and the jaegers flew away without attempting to pick up the weasel; they ~~apparently~~ ^{apparently} chased an intruder on their territory instead. I went to the spot where the weasel was dropped and found nothing. There were no more young in the hole whence she got the 3 and ~~the last~~ young moved was caught and released. It barked a loud, rough "yaff-yaff" when cornered and attempted clumsily to defend itself. When I appeared after the jaegers got the 1st two young she appeared to be searching for them, running actively in and out burrows and ignoring us completely; after the 3 young were found, she moved the very rapidly and

P. DeBenedictis
1965

Least Weasel

29 July Barrow, Alaska - appeared to "know" where she was going. She was more nervous about getting the 3rd young and hesitated awhile before going after it. What a time not to have my ~~of~~ camera. See Pom. Jaeger for other remarks.

